

Jupiter Drilling delivers more outstanding Clay Hosted REE intersections including up to 60 metres at over 2,000 ppm

The Board of Venture Minerals (ASX: VMS) is pleased to announce the third and final batch of assay results from the recently completed Stage One, Resource definition drill program (See Figure 1) at the large-scale, clay hosted Jupiter Rare Earths prospect in Western Australia (See Figure 2). **The latest drill results include some of the best intersections recorded to date including up to 60 metres at over 2000 ppm TREO¹. In addition, the Stage Two Resource Definition Drilling Program, which includes approximately 250 drill holes, has now been completed, well ahead of schedule.**

Highlights

- Third batch delivers the 2nd, 3rd & 4th best drill intersections (BRAC044, BRAC047 & BBRC074) seen at Jupiter to date.
- Very high-grade results in BRAC047 including assays up to 26,958 ppm TREO.
- Stage Two Drill Program completed, well ahead of schedule with 246 Aircore holes drilled.
- Drilling continues to deliver consistent high-grade zones (+2,000ppm TREO) over 20-30m widths.
- High grade zones sit within broader zones up to 79 m grading well over 1,000 ppm TREO.
- Magnet Rare Earth Oxides (MREO²) average of 23% in intersections over +1,000 ppm TREO has been maintained.
- Thorium and Uranium remain consistently, extremely low.
- Results continue to validate the geophysics over the entire 40 km² target (See Figures 1,3 to 5).

Table One: Jupiter Drill Intersection Highlights (See Figure 1 and Tables 2 & 3 for full details)

Hole No.	Intersection(m)	TREO (ppm)	including
BRAC044	60	2,014	22 m @ 3,024 ppm
BRAC047	39	2,960	18 m @ 5,206 ppm
BRAC052	40	1,466	8 m @ 2,158 ppm
BRAC053	50	1,611	24 m @ 2,048 ppm
BRAC056A	37	1,447	10 m @ 2,568 ppm
BRAC057	50	1,852	38 m @ 2,120 ppm
BRAC064	24	1,792	12 m @ 2,227 ppm
BRAC065	42	1,320	10 m @ 2,065 ppm
BRAC067	37	2,211	16 m @ 3,337 ppm
BBRC074*	79	1,805	14 m @ 6,054 ppm incl 2 m @ 20,538 ppm

* Drill intersection updated after additional assaying.

Venture's Managing Director commented,

"Jupiter has continued to generate more outstanding clay hosted REE intersections including the second, third and fourth highest drill intersections at the project to date. With the final batch of assay results in from the Stage One program, the Company now looks forward to receiving the first batch of assays results from the recently completed Stage Two Program in the next 2 to 3 weeks."

"The Drilling Contractor and the Venture Exploration Team have done an excellent job in completing the Stage Two Drill Program well ahead of schedule and under budget, which affords Venture the opportunity to deliver a consistent stream of news flow over the next 2-3 months."

1.TREO represents the sum of 14 Rare Earth Elements excluding Promethium plus Yttrium expressed as oxides.

2.MREO represents the sum of the Neodymium, Praseodymium, Dysprosium and Terbium expressed as oxides.

Figure 1 | Jupiter 40 km² target with drill hole locations and updated significant intersections on Bouger gravity 2.67 anomaly as defined by recent high resolution ground gravity surveying. For the marked east-west section lines please refer to Figure 5 for the drilling cross sections.

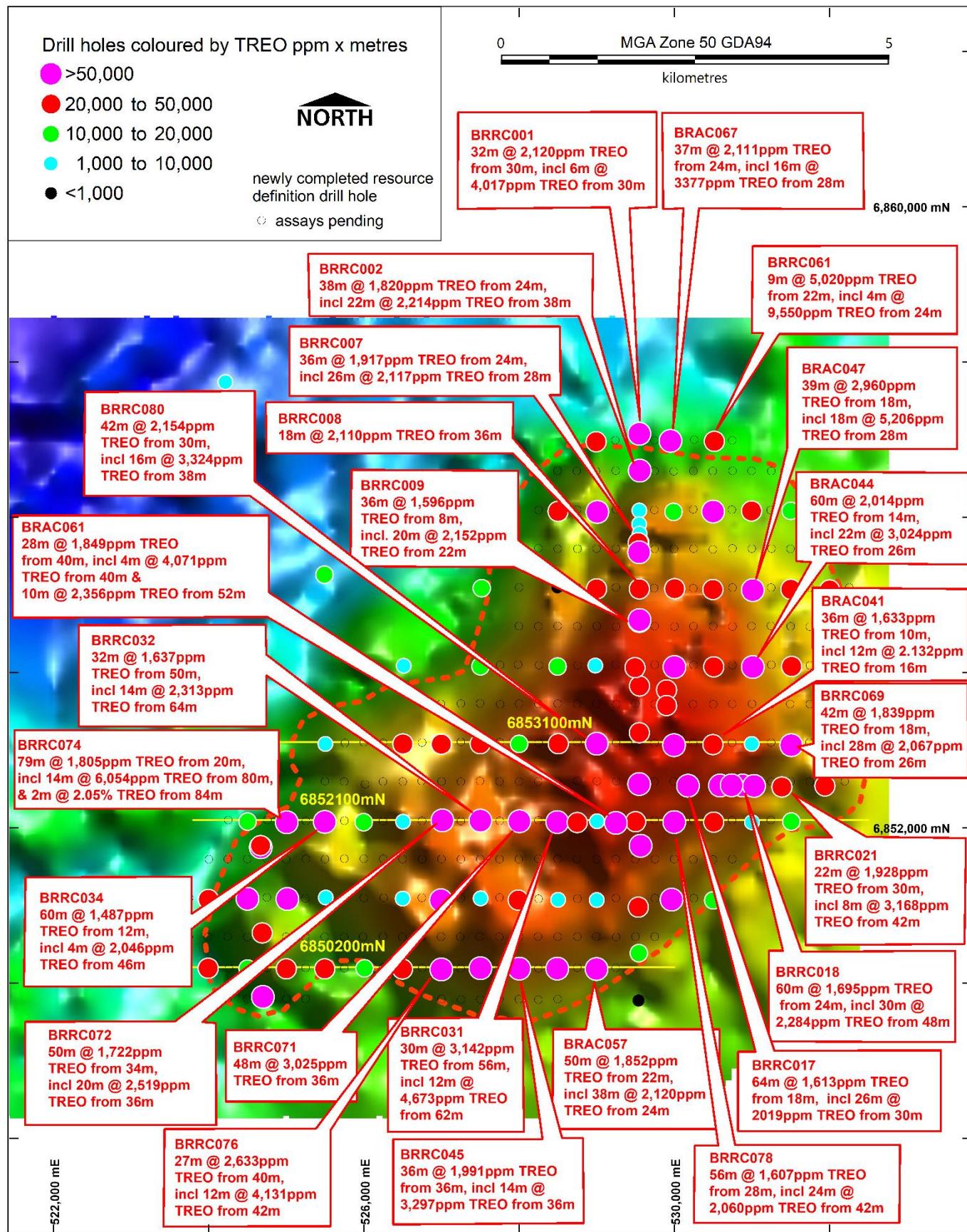
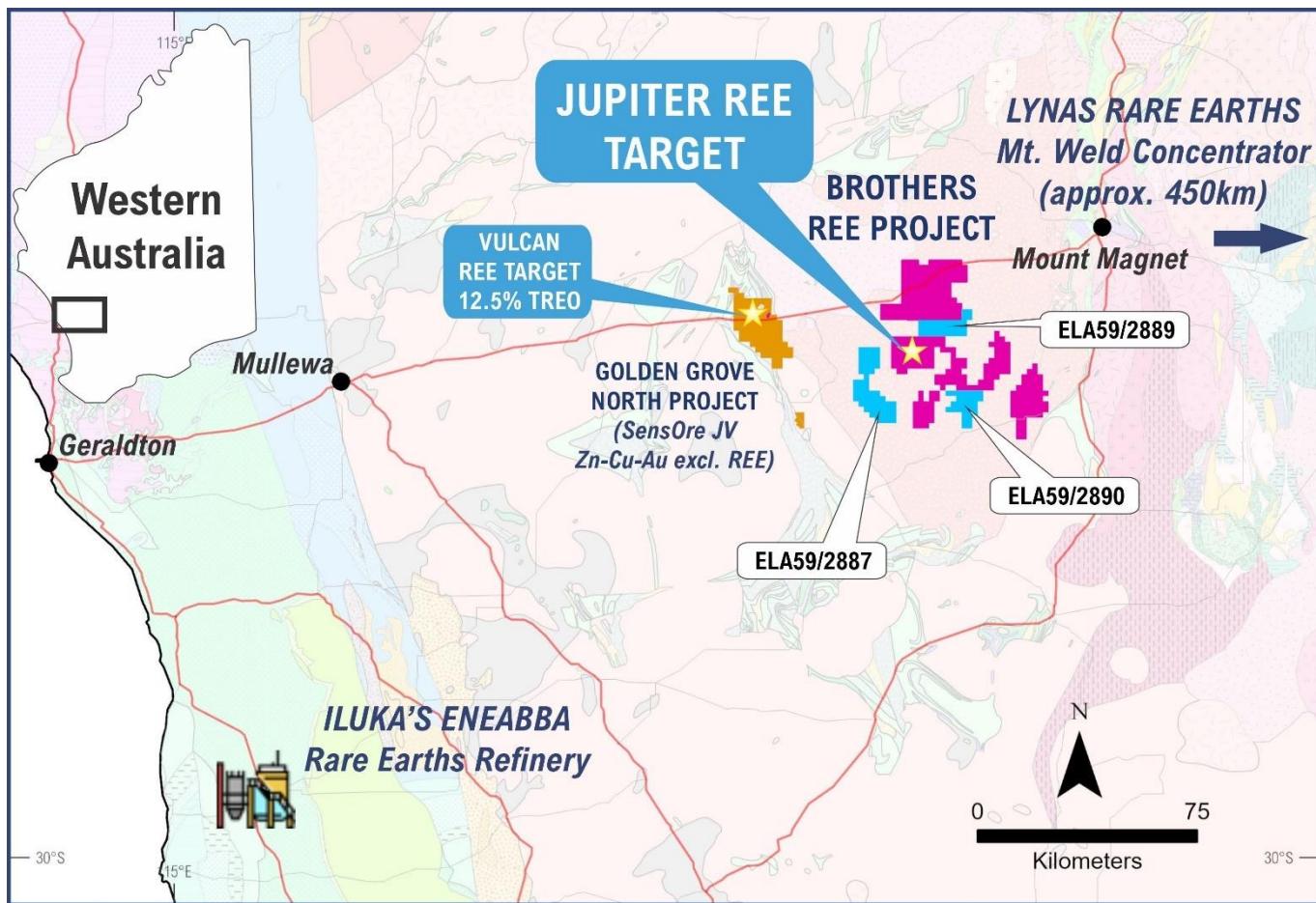


Figure 2 | Location Map of the Brothers REE Project with the Jupiter Target, in Western Australia



Venture Minerals Limited (ASX code: VMS) ("Venture" or the "Company") is pleased to announce the third and final batch of assay results from the recently completed Stage One, Resource definition drill program (See Figure 1) at the large-scale, clay hosted Jupiter Rare Earth Elements ("REE") prospect at the Brothers Project, located in the Mid-West region of Western Australia (See Figure 2). The latest drill results include some of the best intersections recorded to date including up to 60 metres at over 2000 ppm TREO. In addition, the Stage Two Resource Definition Drilling Program, which includes approximately 250 drill holes, has now been completed, well ahead of schedule.

Included in this third batch of assay results is the 2nd, 3rd & 4th best drill intersections (BRAC044, BRAC047 & BBRC074) seen at Jupiter to date. In addition, there are very high-grade results in BRAC047 including assays up to 26,958 ppm TREO.

The Stage Two Drill Program was completed with 246 Aircore ("AC") holes drilled for a total of 14,370 metres. This drill program will bring the drill density across the 40 km² target to a 500 m x 250 m spacing that will provide the necessary data for a Maiden Resource estimate at Jupiter.

The latest assay results from the drilling completed late last year continues to deliver consistent high-grade zones (+2,000ppm TREO) over 20-30 m widths, within broader zones up to 79 m grading well

over 1,000 ppm TREO with Thorium and Uranium levels remaining consistently extremely low. These results continue to validate geophysics over the entire 40 km² Jupiter target.

Assay results for 71 of the 78 (91%) drill holes received so far from the Stage One Resource definition drill program, have results >1,000 ppm TREO. These results are very similar to the results announced in the previous drill program of 25 RC drill holes at Jupiter (*Refer to ASX announcement 29 November 2023*).

Magnet Rare Earth Oxides (MREO) average of 23% in intersections over +1,000 ppm TREO has been maintained. The MREO assays received so far from the Stage One Resource definition drill program include several over 1,000 ppm Nd₂O₃ (Neodymium) up to 3,824 ppm, and several over 300 ppm Pr₆O₁₁ (Praseodymium) up to 1,232 ppm, and several over 50 ppm Dy₂O₃ (Dysprosium) up to 674 ppm, and several over 10 ppm Tb₂O₃ (Terbium) up to 101 ppm. In addition, there are elevated levels of Samarium with several over 100 ppm Sm₂O₃ up to 389 ppm.

The Brothers Project (including the Jupiter prospect) is well located in regional Western Australia (See *Figure 2*) away from any significant population centres but close to infrastructure with a nearby bitumen highway and gas pipeline on route to the major port of Geraldton 300 km away. Brothers is also only ~250 km from Iluka's Eneabba Rare Earths Refinery to be in production in 2025 (*Refer to ASX: ILU announcement "Eneabba Rare Earths Refinery – Final Investment Decision" 3 April 2022*) and only ~520 km from Lynas Rare Earths currently operating Mount Weld Concentrator.

As part of Iluka Resources Limited's decision to build the Eneabba Rare Earths Refinery it had reached an agreement of a risk sharing arrangement with the Australian Government, including a non-recourse loan of \$1,050 million plus a \$200 million cost overrun facility under the Australian Government's \$2 billion Critical Minerals Facility, administered by Export Finance Australia. Iluka's close collaboration with the Australian Government reflects the alignment of their commercial objectives for its rare earths business with the Commonwealth's Critical Minerals Strategy.

Lynas is currently commissioning its new Rare Earths Processing Facility in Kalgoorlie, on 22 July 2021, it announced that it was awarded a \$14.8 million grant as part of the Australian government's Modern Manufacturing Initiative's Manufacturing Translation Stream for Resources Technology and Critical Minerals Processing. The grant was given to enable Lynas to commercialise an industry-first Rare Earth carbonate refining process. In addition, Lynas announced on the 3 August 2022 an ~\$500m project to expand capacity at the Mount Weld mine and concentration plant to meet accelerating market demand for rare earth materials. The combined project clearly supports the Australian Government's Critical Minerals Strategy and the Western Australian Government's Battery and Critical Minerals Strategy.

The substantial co-investment by two of Australia's major mining companies with the Australian Government into the Rare Earths industry within the same region of Western Australia that Venture's Brothers Project sits put it in an enviable position and provides the Company with significant commercial advantages should the project move towards development.

Assay results from the Stage Two Resource definition drill program and mineralogical and metallurgical testwork, will determine the extent of the next phase of drilling at Jupiter and across the wider Brothers Project with either or both slimline RC drilling and AC drilling depending on drilling conditions and rig availability.

Figure 3 | Venture Mineral's Brothers Project combined tenure on regional geology with total magnetic intensity image highlighting large interpreted alkaline intrusion and clay hosted REE mineralisation at the Jupiter target.

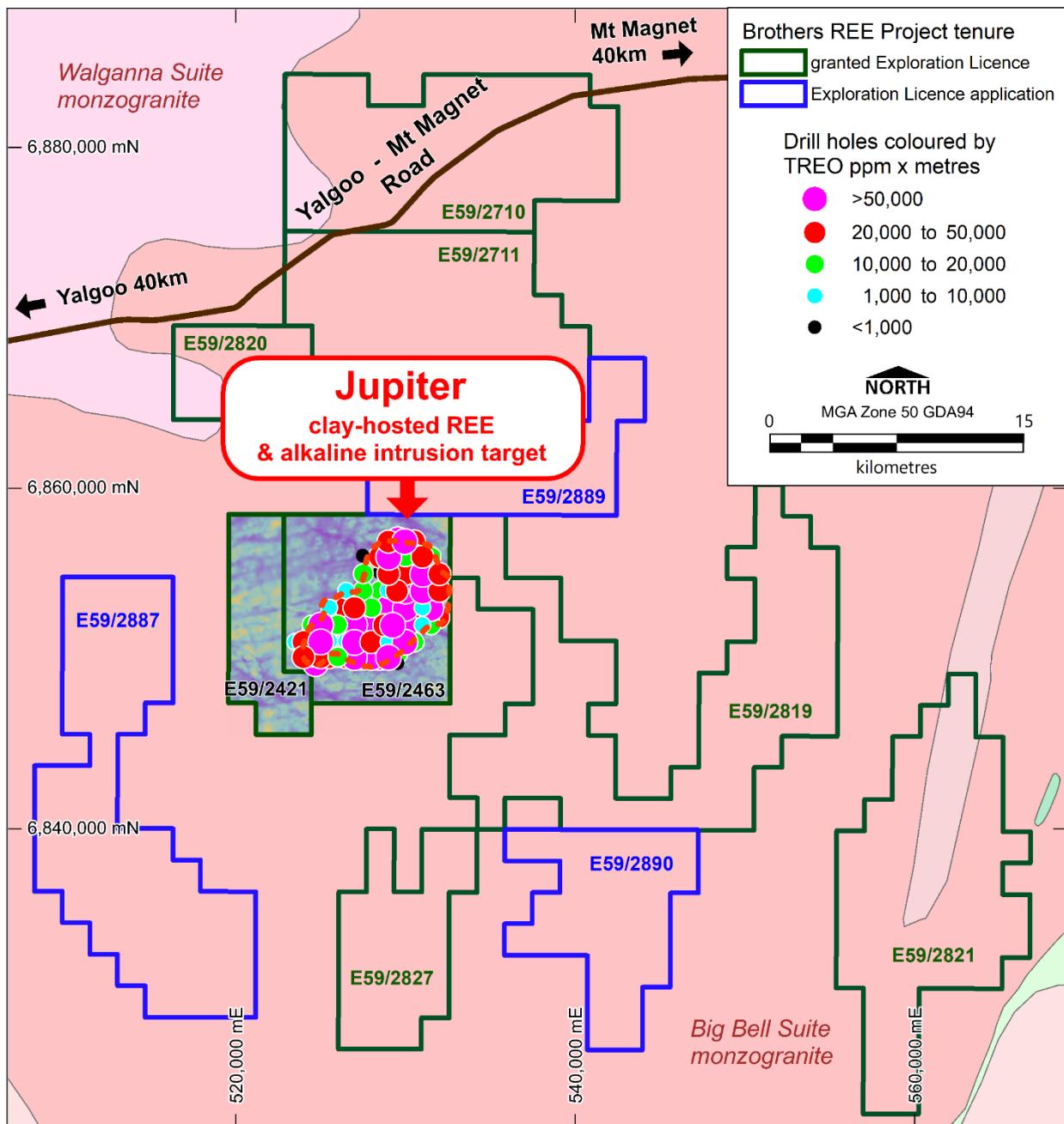


Figure 4 | Jupiter drill hole locations and updated significant intersections on total magnetic intensity (reduced to pole, NE sun) anomaly as defined by recent high resolution drone magnetic surveying. For the marked east-west section lines please refer to Figure 5 for the drilling cross sections.

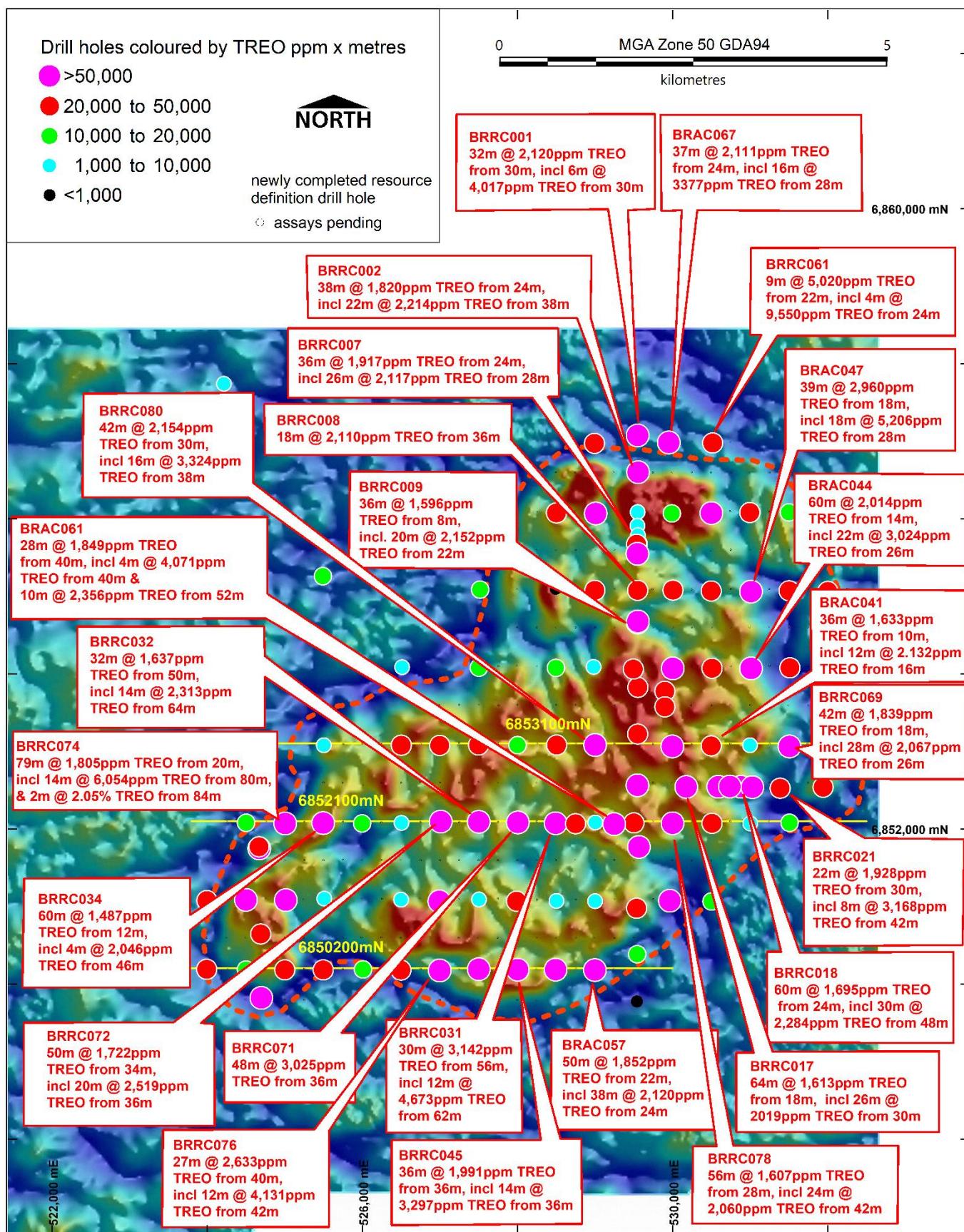
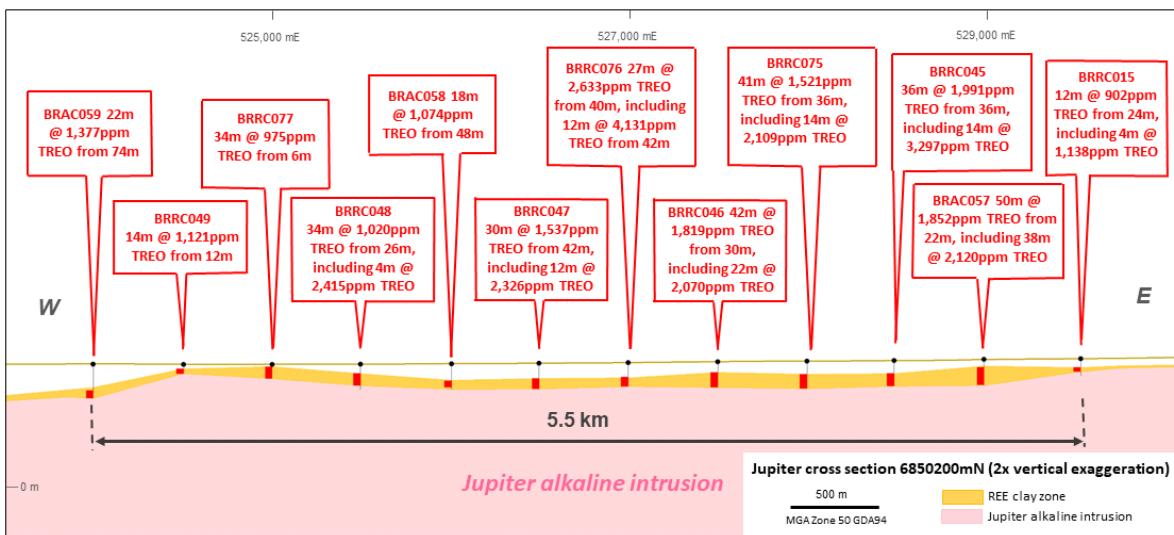
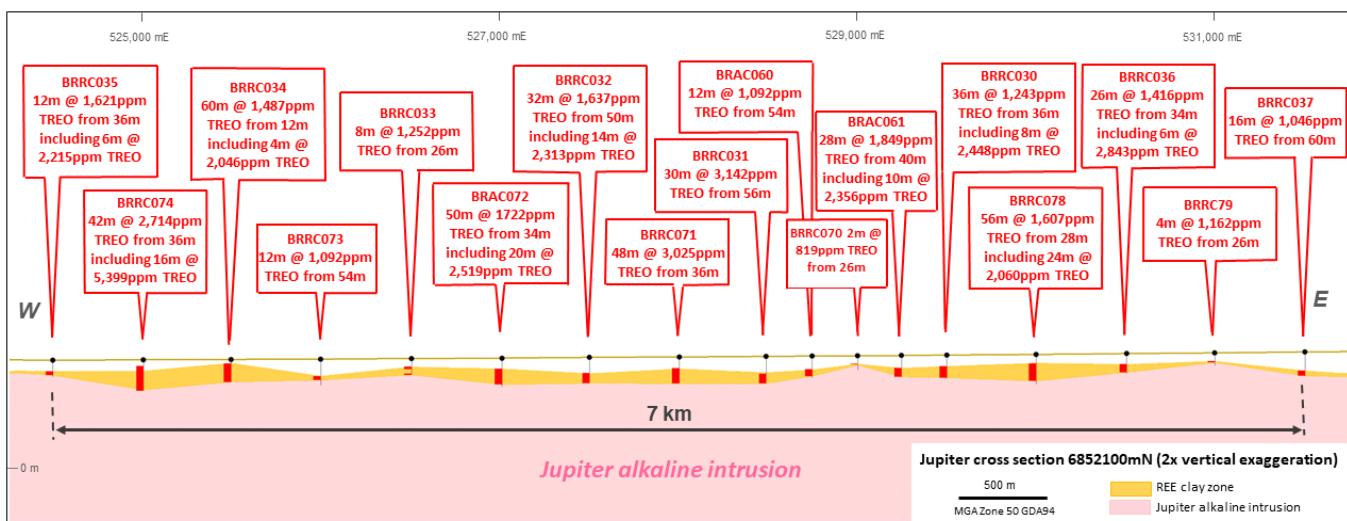
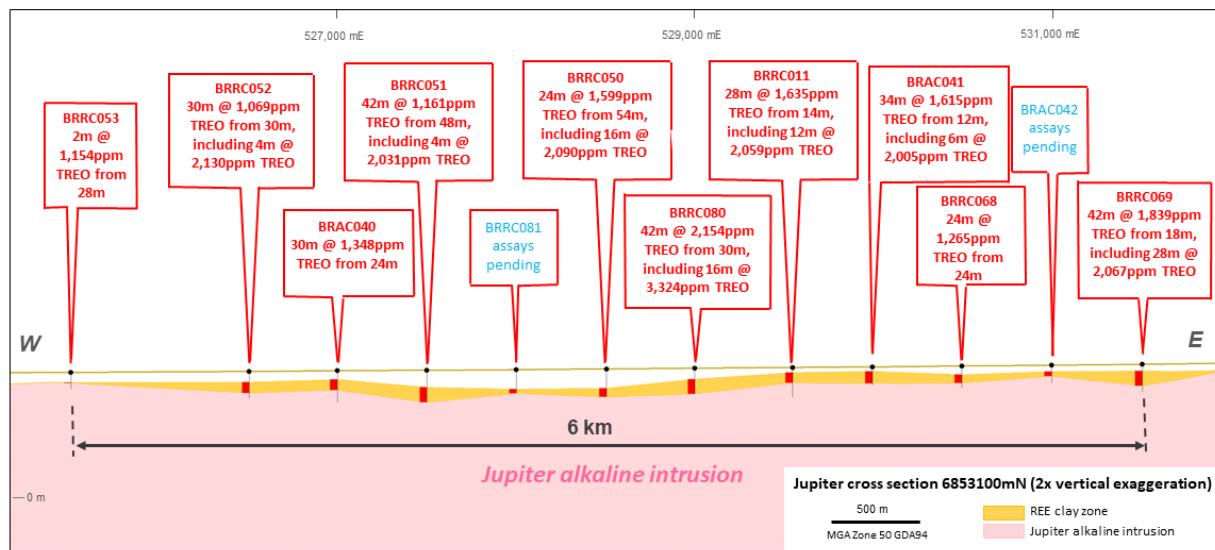


Figure 5 | Updated Jupiter East-West Cross Sections 6853100mN, 6852100mN and 6850200mN from top to bottom.



Authorised by the Managing Director on behalf of the Board of Venture Minerals Limited.

Yours sincerely



Andrew Radonjic
Managing Director

The information in this report that relates to Exploration Results, Exploration Targets and Minerals Resources is based on information compiled by Mr Andrew Radonjic, a fulltime employee of the company and who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Andrew Radonjic has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Andrew Radonjic consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

About Venture Minerals

Venture Minerals Ltd (ASX: VMS) has made a recent discovery at the Brothers REE Project including the Jupiter Clay Hosted Rare Earths Prospect. The Brothers Project includes the Iron Duke JV which hosts the Jupiter Prospect and is a potentially significant REE clay hosted discovery near Yalgoo in Western Australia. Brothers is well located to significant infrastructure including the port of Geraldton, Iluka's Eneabba Rare Earths Refinery and Lynas Rare Earths currently operating Mount Weld Concentrator. The Mount Lindsay Tin-Tungsten Project in northwest Tasmania, already one of the world's largest undeveloped Tin-Tungsten deposits. With the recognition of Tin as a fundamental metal to the battery revolution and Tungsten being a critical mineral, Venture has commenced an Underground Feasibility Study on Mount Lindsay that will leverage off the previously completed open-pit feasibility work, and recently included additional, potential large-scale quantities of tin and boron within the current resource base, and extensively throughout the greater Mount Lindsay skarn system. The tin-borates have not previously been assessed in any mining studies. Borate minerals contain a large amount of Boron, a critical mineral in the solar panel industry. At the neighbouring Riley Iron Ore Mine, the mine is prepared for a quick restart should the market conditions become favourable. In Western Australia, Chalice Mining (ASX: CHN) recently committed to the second stage of the JV which requires a further \$2.5 million of expenditure over the next two years to earn a further 19% interest (for a total of 70%) in Venture's South West Project. At the Company's Golden Grove North Project, SensOre (ASX: S3N) (name changed to Premier1 Lithium ASX: PLC) is farming in whilst Venture retains the REE rights, the earn-in includes drilling of the Vulcan High Grade REE Target. SensOre's proprietary AI technology has already highlighted lithium and copper exploration potential at Golden Grove North. The Company has a significant Nickel-Copper-PGE landholding at Kulin with two highly prospective 20-kilometre-long Ni-Cu-PGE targets within the Kulin Project, whilst recent exploration has identified clay hosted REE targets.

Contact details:

Andrew Radonjic
Managing Director

Venture Minerals Limited
Telephone: +61 (0) 8 6279 9428
Email: admin@ventureminerals.com.au

Table Two: Jupiter Stage One Resource Drilling hole locations and significant intersections.

Hole No.	East MGA Zone 50 GDA94 m	North MGA Zone 50 GDA94 m	EOH m	From m	To m	Interval m	TREO ppm	MREO ppm	MREO/TREO	Pr ₆ O ₁ ppm	Nd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm
BRAC040	526996	6853100	89	24	54	30	1348	304	23%	69	223	2	11
BRAC041	529995	6853089	52	10	46	36	1633	433	27%	85	324	4	21
Including				16	28	12	2132	575	27%	113	434	5	21
BRAC042	530999	6853101	50			0	pending						
BRAC043	530001	6854098	84	22	84	62	1522	399	26%	81	296	4	18
including				40	46	6	2330	549	24%	116	403	5	25
and				58	72	14	2044	529	26%	104	396	5	25
BRAC044	531010	6854098	76	14	74	60	2014	412	20%	86	308	3	15
including				26	48	22	3024	635	21%	126	480	5	25
BRAC045	531998	6854101	79	46	66	20	1393	284	20%	66	209	1	8
including				46	56	10	2065	426	21%	98	315	2	12
BRAC046	530004	6855103	54	12	54	42	1145	301	26%	59	224	3	16
BRAC047	531012	6855089	57	18	57	39	2960	479	16%	113	353	2	12
including				28	46	18	5206	764	15%	179	564	4	18
BRAC048	532002	6855087	53	12	53	41	1128	296	26%	58	218	3	17
including				30	36	6	2154	602	28%	116	449	6	31
BRAC049	529989	6856091	21	4	20	16	868	232	27%	48	174	2	9
including				4	8	4	1060	281	27%	58	211	2	11
BRAC050	530994	6856105	66	38	66	28	1291	334	26%	78	248	2	7
including				46	56	10	2074	583	28%	134	436	2	12
BRAC051	523996	6851101	74	54	74	20	1031	185	18%	45	133	1	6
including				66	72	6	1764	328	19%	79	236	2	11
BRAC052	525013	6851108	65	24	64	40	1466	316	22%	70	232	2	12
Including				52	60	8	2158	517	24%	113	382	4	19
BRAC053	526991	6851091	75	24	74	50	1611	404	25%	87	298	3	16
Including				38	62	24	2048	517	25%	109	383	4	21
BRAC054	527989	6851092	76	46	72	26	890	193	22%	44	143	1	6
Including				46	56	10	1019	225	22%	51	165	1	3
BRAC055	529000	6851089	59	54	58	4	2498	400	16%	101	292	1	6
BRAC056	530000	6851100	36	24	39	15	1433	343	24%	70	256	3	14
BRAC056A	529965	6851100	68	30	67	37	1447	342	24%	73	254	3	14
Including				30	40	10	2568	634	25%	134	474	4	23
BRAC057	528997	6850205	73	22	72	50	1852	407	22%	86	297	4	21
Including				24	62	38	2120	459	22%	97	335	4	24
BRAC058	526005	6850212	72	48	66	18	1074	216	20%	50	158	1	7
BRAC059	523992	6850213	96	74	96	22	1377	238	17%	54	176	1	7
BRAC060	528748	6852092	70	42	64	22	1444	345	24%	73	257	3	13
BRAC061	529247	6852089	69	40	68	28	1849	354	19%	83	263	2	7
Including				40	44	4	4071	748	18%	178	556	3	11
and				52	62	10	2356	452	19%	104	337	2	10
BRAC062	528981	6854110	40	32	38	6	1448	360	25%	74	271	3	12
BRAC063	529492	6854087	55	16	55	39	1217	321	26%	62	243	3	13
BRAC064	528996	6855102	66	36	60	24	1792	442	25%	89	332	4	18
Including				36	48	12	2227	557	25%	114	417	4	21
BRAC065	529007	6856095	56	12	54	42	1320	297	23%	61	221	3	13
Including				16	26	10	2065	413	20%	87	309	3	14
BRAC066	528993	6856997	33	12	30	18	1692	335	20%	75	244	3	14
Including				18	28	10	2284	414	18%	93	299	4	19
BRAC067	529951	6857010	61	24	61	37	2111	479	23%	106	353	4	17
Including				28	44	16	3377	739	22%	166	545	5	24
BRRRC030	529501	6852101	76	36	72	36	1243	252	20%	274	186	2	8
Including				42	50	8	2448	409	17%	92	301	3	14

Hole No.	East MGA Zone 50 GDA94 m	North MGA Zone 50 GDA94 m	EOH m	From m	To m	Interval m	TREO ppm	MREO ppm	MREO/TREO	Pr ₆ O ₁ ppm	Nd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm
BRRC031	528490	6852100	87	56	86	30	3142	810	26%	175	611	4	20
including				62	74	12	4673	1355	29%	293	1024	7	32
BRRC032	527501	6852118	82	50	82	32	1637	405	25%	87	305	2	12
including				64	78	14	2313	602	26%	126	455	4	18
BRRC033	526504	6852099	52	26	34	8	1252	260	21%	61	190	1	8
and				48	52	4	1344	426	32%	81	321	4	21
BRRC034	525494	6852102	72	12	72	60	1487	350	24%	76	261	2	12
including				46	50	4	2046	427	21%	91	319	3	13
BRRC035	524498	6852103	54	36	48	12	1621	346	21%	80	252	2	11
including				40	46	6	2215	475	21%	109	348	3	15
BRRC036	530508	6852096	65	34	60	26	1416	260	18%	60	190	2	8
including				54	60	6	2843	361	13%	76	269	3	13
BRRC037	531506	6852101	77	60	76	16	1046	203	19%	47	148	1	7
BRRC038	530500	6851087	48	32	48	16	1224	313	26%	75	230	1	7
including				36	44	8	1829	497	27%	118	366	2	11
BRRC039	528501	6851093	36	26	32	6	836	91	11%	21	68	1	3
including				30	32	2	1379	133	10%	30	99	1	4
BRRC040	527502	6851110	48	34	36	2	879	159	18%	39	115	1	5
BRRC041	526498	6851108	58	38	42	4	637	123	19%	28	87	1	6
BRRC042	525507	6851123	36	30	36	6	639	120	19%	29	88	1	3
BRRC043	524499	6851111	89	12	84	72	1406	357	25%	73	269	3	13
BRRC044	523505	6851104	40	32	40	8	771	150	19%	38	108	1	3
BRRC045	528491	6850211	72	36	72	36	1991	473	24%	94	355	4	20
including				36	64	28	2309	547	24%	108	411	5	24
including				36	50	14	3297	766	23%	150	576	7	33
BRRC046	527500	6850217	72	30	72	42	1819	438	24%	89	324	4	21
including				40	62	22	2070	499	24%	101	371	5	23
BRRC047	526497	6850204	73	42	72	30	1537	345	22%	73	256	3	14
including				42	54	12	2326	504	22%	109	374	4	18
BRRC048	525494	6850205	72	26	60	34	1020	254	25%	53	189	2	9
including				32	36	4	2415	660	27%	126	504	5	25
BRRC049	524499	6850208	26	12	26	14	1121	249	22%	52	186	2	10
BRRC050	528505	6853106	78	54	78	24	1599	419	26%	81	312	4	22
including				54	70	16	2090	555	27%	107	413	6	29
BRRC051	527498	6853106	90	48	90	42	1161	244	21%	55	181	2	7
including				58	62	4	2031	458	23%	102	341	3	12
BRRC052*	526502	6853102	76	30	60	30	1069	228	21%	45	169	2	12
Including*				42	46	4	2130	356	17%	64	266	4	22
BRRC053	525503	6853100	48	28	30	2	1154	253	22%	64	183	1	6
BRRC054	528494	6854100	53	30	42	12	1182	145	12%	35	106	1	4
BRRC055	527500	6854101	67	42	60	18	1103	248	22%	51	183	3	12
including				42	48	6	2089	435	21%	94	322	4	16
BRRC056	526511	6854107	40	32	38	6	720	163	23%	35	120	2	7
BRRC057	528495	6855106	23			0	pending						
BRRC058	527516	6855109	57	38	52	14	908	201	22%	44	148	2	7
BRRC059	528501	6856101	46	6	46	40	1156	293	25%	59	220	3	12
including				24	42	18	1006	263	26%	53	198	2	11
BRRC060	527499	6856097	54			0	pending						
BRRC061	530516	6857003	31	22	31	9	5020	1571	31%	378	1170	5	19
including				24	28	4	9550	3157	33%	760	2354	9	34
BRRC062	530499	6856100	59	24	59	35	1471	340	23%	71	254	3	13
including				24	28	4	3475	766	22%	171	569	4	22
BRRC063	531499	6856105	39	22	39	17	1119	185	17%	44	135	1	5
BRRC064	530497	6855092	43	12	43	31	1268	291	23%	60	216	2	12

Hole No.	East MGA Zone 50 GDA94 m	North MGA Zone 50 GDA94 m	EOH m	From m	To m	Interval m	TREO ppm	MREO ppm	MREO/TREO	Pr ₆ O ₁ ppm	Nd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm
including				20	22	2	3069	805	26%	168	606	5	26
BRRC065	531501	6855097	67	36	67	31	1202	222	18%	51	163	1	7
BRRC066	530508	6854098	46	10	18	8	1233	278	23%	63	203	2	10
including				36	46	10	3005	844	28%	166	628	9	42
BRRC067	531513	6854102	94	42	72	30	1354	243	18%	56	180	1	6
including				50	64	14	2045	310	15%	72	230	2	8
BRRC068	530496	6853095	61	24	48	24	1265	302	24%	62	226	2	11
BRRC069	531507	6853089	77	18	60	42	1839	493	27%	104	366	4	18
BRRC070	529002	6852104	46	26	28	2	819	152	19%	38	110	1	4
BRRC071	528003	6852109	85	36	84	48	3025	706	23%	155	533	3	15
BRRC072	527011	6852121	91	34	84	50	1722	409	24%	86	303	3	16
including				36	56	20	2519	570	23%	124	423	4	20
BRRC073	525996	6852095	84	54	66	12	1092	237	22%	59	173	1	4
BRRC074*	525004	6852097	99	20	99	79	1805	440	24%	84	314	6	37
including				80	94	14	6054	1294	21%	257	1056	27	174
and				84	86	2	20538	4805	23%	742	3288	101	674
BRRC075	528002	6850211	77	36	77	41	1521	318	21%	69	234	3	12
including				50	64	14	2109	465	22%	98	345	4	19
BRRC076	526997	6850201	67	40	67	27	2633	606	23%	137	447	4	18
including				42	54	12	4131	997	24%	230	737	6	25
BRRC077	524998	6850207	40	6	40	34	975	248	25%	51	186	2	9
BRRC078	530000	6852099	96	28	84	56	1607	367	23%	82	273	2	10
including				42	66	24	2060	511	25%	111	384	3	14
BRRC079	531001	6852090	41	26	30	4	1162	273	23%	57	194	2	19
BRRC080	529000	6853109	72	30	72	42	2154	511	24%	113	375	4	20
including				38	54	16	3324	783	24%	178	574	6	25
BRRC081	527999	6853103	66	56	66	10	1042	275	26%	52	197	4	22

Notes: Shaded intervals were previously reported. All co-ordinates MGA Zone 50 GDA94, all holes are vertical.

TREO represents the sum of 14 Rare Earth Elements excluding Promethium plus Yttrium expressed as oxides. MREO represents the sum of the Neodymium, Praseodymium, Dysprosium and Terbium expressed as oxides See Table Three for complete REE assay listing.

BRAC041 & 043 and BRRC059, 062, 065, 067, 074 & 076 intersections have been updated after addditional assaying.

Vast majority of intersections are made up of 2 m composite sample results except those marked as * where a miixture of 2 m and 6 m composite sample results are used.

Table Three: Jupiter Stage One Resource Drilling (Third Batch) REE, Th and U assays.

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRAC041	6	8	2	178	39	76	9	28	4.9	0.8	3.0	0.4	2.4	0.4	1.2	0.2	1.4	0.3	13	20	1
BRAC041	8	10	2	356	87	141	18	61	9.7	2.0	6.1	0.7	3.9	0.7	2.2	0.3	1.9	0.3	23	18	2
BRAC041	10	12	2	1052	233	437	56	199	29.9	6.4	18.4	2.2	10.6	1.6	4.1	0.5	2.6	0.3	51	19	3
BRAC041	12	14	2	1701	345	695	90	343	54.4	12.3	36.8	4.1	20.8	3.0	7.1	0.8	5.1	0.7	84	23	2
BRAC041	14	16	2	1310	248	515	67	264	45.9	9.9	32.1	3.7	18.7	3.2	7.9	0.9	6.2	1.0	89	21	2
BRAC041	16	18	2	2266	420	1039	121	433	55.9	12.5	34.5	4.0	18.9	3.2	7.5	1.0	5.3	0.8	110	24	2
BRAC041	18	20	2	2356	427	1071	126	475	66.5	14.0	40.4	4.7	21.2	3.3	7.4	0.8	4.2	0.5	96	23	3
BRAC041	20	22	2	2488	425	1162	137	511	71.1	15.0	42.7	4.8	21.4	3.3	8.2	0.7	4.0	0.5	83	26	3
BRAC041	22	24	2	1560	319	614	90	330	49.2	10.8	31.5	3.7	17.6	2.8	6.6	0.8	4.1	0.5	80	24	4
BRAC041	24	26	2	2334	387	979	117	466	73.2	17.4	53.2	6.6	33.5	5.7	14.4	1.9	10.9	1.5	167	30	8
BRAC041	26	28	2	1785	270	702	90	393	66.4	13.3	39.3	4.8	25.7	4.8	13.2	1.7	9.8	1.0	151	22	5
BRAC041	28	30	2	945	118	323	40	176	31.3	7.2	21.0	2.8	17.1	4.2	14.7	2.2	14.0	1.7	173	15	3
BRAC041	30	32	2	1493	249	578	76	317	60.1	11.8	38.7	4.2	21.1	3.6	9.8	1.2	7.5	1.0	114	22	6
BRAC041	32	34	2	1544	280	648	78	297	54.3	11.1	37.8	4.1	19.7	3.4	8.3	1.0	7.2	0.9	93	21	5
BRAC041	34	36	2	1508	244	624	77	290	56.0	11.6	38.4	4.2	21.7	3.8	10.7	1.2	7.8	1.0	117	16	4
BRAC041	36	38	2	1501	253	603	75	283	52.1	11.6	38.6	4.8	24.0	4.2	11.5	1.4	9.3	1.1	128	18	4
BRAC041	38	40	2	1545	224	586	72	271	49.8	10.7	41.0	5.4	30.2	5.9	17.9	2.4	16.2	2.5	211	16	5
BRAC041	40	42	2	1264	215	538	66	240	41.9	8.3	27.6	3.2	15.6	2.7	7.7	1.0	5.9	1.0	91	17	5
BRAC041	42	44	2	1330	238	565	69	254	44.0	9.3	28.1	3.3	16.8	2.8	7.5	0.9	5.5	0.7	85	16	4
BRAC041	44	46	2	1413	236	589	76	283	47.9	10.1	31.8	3.8	18.5	3.3	8.4	1.0	6.5	0.8	97	16	5
BRAC041	46	48	2	568	96	234	29	108	18.9	3.5	13.3	1.5	7.9	1.6	4.0	0.6	2.9	0.4	47	21	4
BRAC041	48	52	4	507	85	203	24	94	17.6	3.6	11.8	1.5	7.9	1.4	4.4	0.6	3.8	0.5	47	25	4
BRAC043	18	20	2	200	59	80	10	31	4.4	1.0	2.7	0.4	1.9	0.3	0.9	0.1	0.9	0.1	8	40	3
BRAC043	20	22	2	428	126	185	22	60	8.9	2.0	5.3	0.6	3.0	0.5	1.3	0.2	1.0	0.1	14	42	3
BRAC043	22	24	2	874	243	343	46	150	23.2	4.9	14.2	1.7	7.5	1.4	3.2	0.4	2.4	0.3	34	50	3
BRAC043	24	26	2	437	136	149	26	79	11.5	2.5	7.0	1.0	4.1	0.6	1.7	0.2	1.1	0.2	19	35	2
BRAC043	26	28	2	406	141	114	26	79	12.4	2.2	6.6	0.9	3.7	0.6	1.4	0.2	1.1	0.1	18	31	2
BRAC043	28	30	2	784	223	166	55	199	32.8	7.1	20.1	2.6	12.6	1.9	4.8	0.6	3.1	0.4	56	27	3
BRAC043	30	32	2	787	195	193	52	196	31.6	7.8	22.8	2.7	13.3	2.1	5.6	0.6	3.0	0.4	62	27	3

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRAC043	32	34	2	1785	426	479	120	457	75.1	15.9	46.6	5.5	25.4	3.8	9.6	1.0	5.6	0.7	114	27	3
BRAC043	34	36	2	2302	530	615	153	602	100.2	20.5	61.9	7.8	33.5	5.2	13.4	1.6	7.8	1.0	149	30	4
BRAC043	36	38	2	868	193	309	52	184	31.0	6.7	20.5	2.4	10.7	1.7	4.2	0.5	2.9	0.4	49	31	4
BRAC043	38	40	2	1507	317	624	85	298	47.7	10.8	33.0	3.6	16.4	2.5	5.2	0.5	3.2	0.4	60	35	4
BRAC043	40	42	2	2746	636	1030	156	556	89.7	19.7	61.2	7.3	34.0	5.2	12.1	1.3	7.5	1.0	130	36	5
BRAC043	42	44	2	2238	419	1117	98	339	51.2	12.3	41.0	5.0	23.4	4.0	8.9	1.0	5.1	0.7	112	35	5
BRAC043	44	46	2	2005	399	971	94	312	47.1	10.4	33.1	3.9	18.8	3.3	7.9	0.8	4.3	0.6	100	35	5
BRAC043	46	48	2	1448	282	645	74	251	40.5	9.5	29.2	3.5	16.5	2.9	6.8	0.8	4.6	0.6	83	38	5
BRAC043	48	50	2	1519	304	717	73	250	39.2	8.6	25.7	3.1	14.1	2.4	6.1	0.7	3.8	0.5	72	37	5
BRAC043	50	52	2	1810	388	775	99	345	54.8	11.8	33.9	4.0	17.0	2.7	6.0	0.8	4.5	0.6	67	36	6
BRAC043	52	54	2	1305	284	586	66	219	34.1	7.3	21.0	2.5	11.8	2.1	5.2	0.6	3.9	0.5	62	35	6
BRAC043	54	56	2	1640	364	653	86	300	47.1	10.8	34.5	4.1	19.9	3.5	8.6	1.1	6.4	0.9	101	31	5
BRAC043	56	58	2	1482	327	600	78	259	40.1	9.3	28.5	3.5	17.1	3.2	8.3	1.0	6.1	0.8	101	30	5
BRAC043	58	60	2	1719	359	699	90	324	50.7	11.4	35.5	4.2	20.8	3.6	8.9	1.1	6.8	1.0	104	33	6
BRAC043	60	62	2	1854	394	721	103	371	58.5	12.7	39.1	4.7	22.2	3.9	9.1	1.1	6.6	1.0	107	33	6
BRAC043	62	64	2	1962	405	786	111	398	61.8	13.1	39.1	4.7	21.9	3.6	9.1	1.2	7.2	1.1	101	30	5
BRAC043	64	66	2	2370	364	1049	121	479	79.0	16.9	52.3	6.2	28.7	5.2	13.0	1.9	10.9	1.7	142	27	5
BRAC043	66	68	2	2417	364	1141	113	444	72.4	15.9	50.7	6.0	29.2	5.2	13.7	2.0	11.8	1.8	147	29	5
BRAC043	68	70	2	2255	327	1046	102	420	69.3	15.7	49.2	5.6	28.1	5.1	13.7	2.0	12.3	2.0	157	29	5
BRAC043	70	72	2	1733	301	734	88	336	54.6	11.9	38.2	4.4	21.4	4.0	10.8	1.5	9.4	1.6	116	27	5
BRAC043	72	74	2	1418	251	589	72	271	44.2	10.1	31.8	3.8	18.3	3.3	8.9	1.2	7.6	1.3	105	26	6
BRAC043	74	76	2	1018	175	384	52	199	35.0	6.9	25.5	3.1	16.5	2.9	7.6	1.1	6.7	1.1	102	22	9
BRAC043	76	78	2	786	114	264	34	136	25.3	5.0	22.8	3.0	16.5	3.5	9.9	1.4	9.7	1.7	139	20	6
BRAC043	78	80	2	1022	181	424	54	207	32.9	7.3	22.2	2.6	12.7	2.2	5.5	0.7	4.5	0.7	65	17	3
BRAC043	80	82	2	1446	255	615	76	288	47.3	9.5	29.5	3.6	17.6	2.8	7.1	1.0	6.0	0.8	88	23	4
BRAC043	82	84	2	1228	219	522	64	241	41.1	7.9	25.5	3.0	14.5	2.5	6.3	0.8	5.1	0.7	76	21	3
BRAC044	6	12	6	57	13	21	2	9	1.5	0.3	1.2	0.1	0.8	0.2	0.4	0.1	0.6	0.1	6	11	1
BRAC044	12	14	2	115	36	37	6	21	2.9	0.6	1.8	0.2	1.3	0.2	0.7	0.1	0.6	0.1	8	14	2
BRAC044	14	16	2	676	246	190	47	145	16.9	3.3	7.6	0.8	3.8	0.6	1.1	0.1	0.8	0.1	14	21	1
BRAC044	16	18	2	1231	343	491	68	228	29.3	5.4	14.9	1.6	7.6	1.2	2.6	0.3	2.0	0.3	36	28	2

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRAC044	18	20	2	2275	501	1135	95	319	43.0	9.2	31.7	3.9	20.0	3.4	8.2	1.0	5.8	0.7	99	43	2
BRAC044	20	22	2	2009	409	1024	87	300	44.0	8.7	29.1	3.4	16.5	2.7	6.0	0.7	3.5	0.5	75	30	3
BRAC044	22	24	2	1055	266	494	52	164	21.8	3.9	11.7	1.4	6.6	1.0	2.5	0.3	1.8	0.3	28	38	3
BRAC044	24	26	2	1175	248	537	61	214	31.1	5.9	16.9	2.1	10.1	1.6	3.7	0.5	2.6	0.3	42	25	4
BRAC044	26	28	2	2099	421	1057	99	336	44.9	9.2	25.9	2.9	14.1	2.4	5.2	0.6	3.4	0.5	78	36	4
BRAC044	28	30	2	3788	611	1578	187	872	154.9	34.0	101.8	11.5	53.2	7.2	15.3	1.7	9.2	1.0	150	30	3
BRAC044	30	32	2	3559	558	1842	156	589	91.8	16.8	60.2	7.3	36.0	5.8	14.0	1.6	9.0	1.0	170	32	6
BRAC044	32	34	2	3740	489	2143	155	580	89.9	15.4	54.5	6.5	32.1	5.0	11.9	1.5	8.0	1.1	148	27	12
BRAC044	34	36	2	3123	435	1781	130	485	76.3	13.1	43.7	5.0	23.4	3.6	9.0	1.0	5.7	0.9	110	34	10
BRAC044	36	38	2	4894	552	3279	155	575	88.6	17.6	54.0	6.2	29.0	4.4	10.0	1.2	6.9	0.9	115	27	13
BRAC044	38	40	2	2811	326	1910	83	312	47.7	10.6	27.8	3.2	15.6	2.3	5.5	0.6	3.5	0.5	64	23	6
BRAC044	40	42	2	2570	452	1308	119	449	67.7	14.8	43.7	5.0	23.1	3.3	7.2	0.8	4.4	0.6	73	23	6
BRAC044	42	44	2	2040	412	1012	96	343	47.9	10.3	29.6	3.3	14.8	2.3	5.2	0.6	3.3	0.4	61	39	6
BRAC044	44	46	2	2518	490	1308	112	398	56.0	11.5	33.0	3.6	17.7	2.8	6.2	0.7	4.1	0.5	75	55	5
BRAC044	46	48	2	2120	427	1077	94	337	49.1	10.1	29.1	3.1	14.2	2.4	5.7	0.7	3.8	0.5	67	50	4
BRAC044	48	50	2	1704	317	923	70	246	35.5	7.6	22.0	2.6	11.7	1.9	5.0	0.6	3.4	0.4	58	48	4
BRAC044	50	52	2	2241	440	1162	97	337	48.4	10.7	29.3	3.5	16.6	2.8	6.6	0.8	4.8	0.6	82	51	5
BRAC044	52	54	2	2481	527	1271	114	391	51.5	9.9	27.2	2.8	13.9	2.1	5.1	0.6	3.3	0.5	62	47	5
BRAC044	54	56	2	1698	298	970	66	239	33.8	7.9	19.2	2.4	10.7	1.5	3.5	0.4	2.8	0.4	43	34	4
BRAC044	56	58	2	1146	229	656	43	141	19.9	5.1	11.3	1.6	6.3	1.1	2.6	0.3	2.2	0.3	28	33	3
BRAC044	58	60	2	1232	248	701	46	154	21.0	5.1	12.0	1.4	6.7	1.1	2.8	0.3	2.6	0.4	31	48	3
BRAC044	60	62	2	917	199	497	36	117	15.3	3.6	8.6	1.1	4.9	0.8	2.6	0.3	2.3	0.4	27	32	3
BRAC044	62	64	2	1113	260	567	47	148	19.0	4.4	10.7	1.3	5.9	1.2	3.8	0.4	3.2	0.6	40	34	2
BRAC044	64	66	2	1236	264	624	52	176	24.0	6.1	15.2	1.8	9.0	1.6	4.7	0.7	4.5	0.6	53	29	3
BRAC044	66	68	2	1298	326	613	58	188	23.2	6.1	14.6	1.9	8.3	1.5	4.1	0.6	4.1	0.8	49	43	4
BRAC044	68	70	2	1380	340	679	59	181	23.1	5.5	13.3	1.6	8.5	1.6	4.9	0.7	5.3	0.9	56	51	4
BRAC044	70	72	2	1097	314	530	46	137	15.2	3.8	7.6	0.8	4.1	0.8	3.0	0.4	2.7	0.5	31	44	3
BRAC044	72	74	2	1179	326	573	52	150	17.2	4.3	9.7	1.0	4.9	0.9	2.6	0.4	2.6	0.5	35	45	3
BRAC044	74	76	2	825	220	395	37	112	13.0	3.5	7.8	0.8	4.4	0.8	2.3	0.3	2.0	0.3	27	29	2
BRAC045	42	44	2	138	24	93	4	11	1.4	0.5	0.8	0.1	0.5	0.1	0.3	0.0	0.3	0.1	3	32	1

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRAC045	44	46	2	424	70	306	8	26	2.6	1.5	1.8	0.2	1.2	0.2	0.5	0.1	0.6	0.1	6	56	2
BRAC045	46	48	2	2023	529	1116	70	211	22.6	7.2	14.8	1.5	7.9	1.2	3.0	0.4	2.5	0.3	36	51	3
BRAC045	48	50	2	1408	179	1078	27	83	9.1	3.1	5.3	0.6	3.4	0.6	1.5	0.2	1.4	0.2	16	45	4
BRAC045	50	52	2	951	206	559	35	107	11.0	3.6	5.8	0.7	3.2	0.6	1.6	0.2	1.5	0.2	15	53	3
BRAC045	52	54	2	4156	1325	1418	223	745	83.2	24.3	56.4	6.0	30.5	5.7	15.5	2.0	11.0	1.5	208	49	6
BRAC045	54	56	2	1788	582	465	132	429	47.7	12.9	23.8	2.7	13.7	2.3	5.9	0.8	4.4	0.6	65	37	2
BRAC045	56	58	2	1041	310	441	51	162	15.9	5.4	9.6	1.1	5.6	1.0	2.7	0.4	2.2	0.4	34	56	2
BRAC045	58	60	2	790	227	373	35	106	9.8	4.1	5.8	0.7	3.7	0.6	1.7	0.2	1.4	0.2	21	66	2
BRAC045	60	62	2	459	136	204	22	68	6.6	2.6	3.7	0.4	2.0	0.4	1.0	0.1	0.7	0.1	12	36	1
BRAC045	62	64	2	794	231	361	38	118	11.4	4.5	6.4	0.7	3.2	0.6	1.5	0.2	1.3	0.2	18	54	3
BRAC045	64	66	2	519	164	240	22	65	5.7	3.0	3.2	0.3	1.9	0.4	1.0	0.1	0.9	0.1	13	33	2
BRAC045	72	78	6	565	167	286	24	66	6.2	2.6	2.8	0.3	1.2	0.2	0.7	0.1	0.5	0.1	8	28	2
BRAC045	78	79	1	935	250	438	45	136	14.0	5.0	8.6	1.0	4.6	0.9	2.0	0.3	1.7	0.3	27	31	2
BRAC046	12	14	2	1160	216	517	67	246	36.2	6.8	17.2	1.6	6.7	1.1	3.0	0.4	2.9	0.5	38	17	3
BRAC046	14	16	2	1304	215	526	68	266	44.0	8.1	28.2	3.2	16.6	3.0	8.4	1.2	8.4	1.3	108	23	4
BRAC046	16	18	2	1430	195	519	71	281	50.8	10.7	41.6	5.5	29.8	5.2	14.0	2.0	12.0	1.8	191	19	4
BRAC046	18	20	2	1293	214	513	67	261	43.2	8.8	31.4	3.9	19.8	3.3	8.9	1.1	6.4	1.0	111	21	3
BRAC046	20	22	2	1398	212	530	71	285	50.6	10.5	40.2	4.8	25.5	4.3	11.4	1.5	8.9	1.4	142	21	5
BRAC046	22	24	2	1360	175	467	68	292	54.9	12.2	44.2	5.6	28.9	5.1	13.9	1.9	11.5	1.7	180	17	7
BRAC046	24	26	2	1493	195	527	71	287	53.5	13.6	50.5	6.4	34.2	6.2	19.6	2.5	13.8	1.9	212	23	8
BRAC046	26	28	2	1096	182	459	58	216	35.5	8.3	26.1	2.9	15.2	2.3	6.6	0.9	5.2	0.6	78	21	4
BRAC046	28	30	2	1103	218	489	55	194	29.9	6.7	21.3	2.4	12.0	1.9	5.7	0.7	3.9	0.5	63	30	4
BRAC046	30	32	2	964	180	409	49	182	29.7	6.6	20.4	2.3	11.9	2.0	5.3	0.7	3.7	0.5	61	18	3
BRAC046	32	34	2	1109	201	468	57	214	34.6	7.7	23.8	2.8	13.8	2.1	7.2	0.8	4.9	0.7	71	18	3
BRAC046	34	36	2	982	191	432	49	173	27.5	6.3	18.9	2.2	11.3	1.8	5.2	0.6	3.8	0.5	59	23	2
BRAC046	36	38	2	876	163	371	46	170	27.0	5.9	17.9	2.0	10.0	1.7	4.6	0.6	3.3	0.5	54	17	2
BRAC046	38	40	2	1575	359	721	74	257	38.5	8.1	22.1	2.8	13.3	2.2	5.5	0.7	3.9	0.6	68	47	3
BRAC046	40	42	2	993	175	419	52	198	32.4	7.3	21.0	2.6	11.9	2.1	5.7	0.7	4.0	0.6	62	20	3
BRAC046	42	44	2	986	177	419	51	197	31.4	7.0	19.5	2.4	11.6	1.9	5.3	0.6	3.9	0.6	59	20	4
BRAC046	44	46	2	919	154	389	49	185	31.8	7.0	20.2	2.4	11.3	2.0	5.0	0.6	4.1	0.5	57	16	3

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRAC046	46	48	2	1072	205	465	55	205	31.0	6.8	20.2	2.5	11.7	2.0	5.2	0.6	3.7	0.5	58	22	4
BRAC046	48	54	6	978	156	427	51	196	31.6	7.1	21.1	2.3	12.0	2.0	5.5	0.7	3.8	0.5	62	15	4
BRAC047	18	20	2	633	228	193	40	118	14.3	3.0	7.7	0.9	4.5	0.7	1.8	0.2	1.1	0.2	20	47	2
BRAC047	20	22	2	806	337	206	54	147	16.5	4.0	9.0	1.0	5.2	0.7	2.3	0.3	1.3	0.2	23	31	2
BRAC047	22	24	2	1037	386	336	63	177	19.5	4.6	10.9	1.1	5.8	0.9	2.4	0.3	1.3	0.2	29	33	2
BRAC047	24	26	2	1220	359	510	68	198	23.2	4.8	13.5	1.4	7.0	1.0	2.8	0.3	1.2	0.2	31	27	2
BRAC047	26	28	2	1413	443	548	84	244	26.2	5.6	13.5	1.6	7.7	1.2	3.0	0.3	1.6	0.2	34	22	2
BRAC047	28	30	2	3545	1035	1351	223	695	72.5	14.8	36.2	4.0	18.3	2.7	7.2	0.8	3.1	0.4	82	31	3
BRAC047	30	32	2	1871	484	728	112	379	44.2	9.8	25.6	2.8	14.1	2.2	5.9	0.6	3.0	0.4	60	36	3
BRAC047	32	34	2	2208	503	973	113	386	48.6	10.7	31.0	3.4	17.9	2.9	9.0	1.2	5.7	0.7	103	26	3
BRAC047	34	36	2	1666	426	769	85	261	31.1	6.7	16.9	2.0	9.7	1.4	4.2	0.5	2.9	0.3	50	36	4
BRAC047	36	38	2	1289	299	565	70	239	31.3	7.0	17.6	1.8	8.5	1.3	3.8	0.4	2.6	0.3	42	31	4
BRAC047	38	40	2	26958	2534	21122	690	2017	244.8	45.0	92.5	10.5	45.3	5.7	14.8	1.9	11.1	1.1	124	11	8
BRAC047	40	42	2	5787	637	4114	167	597	79.1	15.3	40.8	4.6	23.1	3.4	9.7	1.2	7.2	0.8	88	14	3
BRAC047	42	44	2	1482	272	814	65	218	28.4	6.2	15.9	1.8	9.2	1.4	4.1	0.6	4.0	0.5	41	32	6
BRAC047	44	46	2	2047	360	1076	83	287	39.3	9.0	27.1	3.1	16.4	2.9	10.3	1.6	11.2	1.5	119	28	5
BRAC047	46	48	2	1013	220	473	47	146	16.8	4.3	12.7	1.5	8.8	1.7	5.7	0.9	5.7	1.0	69	20	4
BRAC047	48	50	2	1117	256	537	55	178	21.3	4.9	12.4	1.3	6.7	1.1	3.5	0.4	2.4	0.3	37	19	5
BRAC047	50	52	2	1120	257	546	53	174	21.3	4.6	12.4	1.4	7.1	1.0	3.0	0.4	2.4	0.3	36	22	5
BRAC047	52	54	2	885	204	418	45	142	18.9	4.0	10.7	1.2	6.3	1.0	2.8	0.4	2.1	0.3	30	17	4
BRAC047	54	57	3	1077	236	518	53	181	22.2	4.8	12.3	1.5	6.4	1.2	2.9	0.4	2.2	0.3	35	18	2
BRAC048	6	8	2	353	88	134	19	65	9.3	2.1	6.2	0.8	4.1	0.6	2.0	0.3	1.2	0.2	20	20	1
BRAC048	8	10	2	513	152	171	31	101	13.1	2.8	8.9	0.9	5.3	0.8	1.9	0.2	1.1	0.1	24	9	1
BRAC048	10	12	2	419	122	135	25	84	11.6	2.1	8.1	0.9	5.2	0.8	2.1	0.2	1.0	0.1	21	18	1
BRAC048	12	14	2	773	216	258	46	152	20.9	4.3	13.5	1.6	8.5	1.4	3.6	0.5	1.9	0.2	45	16	1
BRAC048	14	16	2	1444	388	441	92	318	42.9	9.5	28.0	3.4	17.6	3.0	9.1	1.0	5.5	0.6	85	36	2
BRAC048	16	18	2	1283	321	465	77	267	35.1	7.6	21.6	2.5	13.5	2.0	6.4	0.7	3.7	0.4	59	24	2
BRAC048	18	20	2	910	216	394	44	144	20.4	5.0	15.8	2.0	11.1	1.8	5.0	0.6	3.4	0.4	47	11	3
BRAC048	20	22	2	736	154	302	38	139	21.4	4.5	14.4	1.7	9.3	1.4	4.0	0.5	2.5	0.3	43	21	3
BRAC048	22	24	2	842	160	345	50	181	25.8	5.3	15.9	1.9	9.3	1.5	4.1	0.5	2.9	0.4	39	19	4

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRAC048	24	26	2	454	69	197	25	100	16.1	3.1	9.4	1.2	5.9	0.9	2.7	0.3	2.2	0.3	21	14	3
BRAC048	26	28	2	756	126	408	31	112	18.4	4.0	12.2	1.4	7.4	1.2	2.7	0.4	2.4	0.4	29	19	3
BRAC048	28	30	2	1071	193	529	51	179	28.5	5.9	18.6	2.2	11.0	1.7	4.3	0.5	3.3	0.5	43	11	5
BRAC048	30	32	2	1943	360	780	119	415	53.2	11.3	37.7	5.0	25.5	4.5	11.5	1.6	8.1	1.1	111	9	7
BRAC048	32	34	2	1452	211	701	72	264	35.5	7.7	25.5	3.5	18.4	3.3	9.2	1.3	6.7	1.0	93	13	6
BRAC048	34	36	2	3068	385	1357	158	668	102.1	21.9	73.6	9.5	49.8	8.3	20.0	2.5	12.8	1.6	199	10	8
BRAC048	36	38	2	1528	222	668	73	290	43.6	10.5	35.5	4.8	25.8	4.7	13.5	1.9	11.4	1.5	122	9	9
BRAC048	38	40	2	1048	182	415	56	215	30.6	7.2	22.4	3.0	15.7	2.9	8.4	1.2	7.6	1.2	80	8	5
BRAC048	40	42	2	845	138	348	42	155	27.8	5.3	18.6	2.2	13.7	2.5	6.9	0.9	6.4	1.0	78	7	6
BRAC048	42	44	2	1758	181	437	56	225	44.0	10.7	53.6	7.9	54.3	12.8	44.5	6.3	42.0	6.5	578	7	7
BRAC048	44	46	2	695	118	280	37	139	20.7	5.0	14.3	1.9	9.6	1.8	5.3	0.7	4.0	0.6	58	6	6
BRAC048	46	48	2	708	114	278	39	149	21.8	4.7	14.5	2.0	11.7	2.0	5.6	0.8	4.8	0.7	62	7	3
BRAC048	48	53	5	722	116	305	37	141	21.9	3.9	15.9	1.9	10.5	1.9	5.4	0.8	4.6	0.5	57	7	2
BRAC049	0	2	2	219	46	85	11	35	5.2	1.2	4.4	0.6	3.4	0.7	2.0	0.3	1.9	0.3	23	15	2
BRAC049	2	4	2	561	96	233	31	113	16.6	3.6	11.0	1.4	7.5	1.3	3.6	0.5	2.9	0.4	40	18	2
BRAC049	4	6	2	1209	225	521	67	245	34.0	8.1	22.0	2.7	12.7	2.1	5.4	0.7	3.8	0.6	60	20	3
BRAC049	6	8	2	911	187	389	49	177	23.1	5.5	15.5	1.9	9.5	1.5	3.9	0.5	3.2	0.5	46	21	2
BRAC049	8	10	2	788	154	336	43	154	20.6	5.4	14.1	1.7	8.2	1.4	3.7	0.5	2.9	0.5	42	16	2
BRAC049	10	12	2	760	135	321	43	156	22.0	5.3	15.3	1.7	8.4	1.4	3.8	0.5	2.8	0.4	43	14	2
BRAC049	12	14	2	842	148	360	47	173	24.9	5.7	16.2	2.0	9.3	1.5	4.3	0.6	3.3	0.5	47	16	2
BRAC049	14	16	2	835	148	357	48	170	24.1	5.5	15.4	1.8	9.1	1.5	4.1	0.6	3.2	0.5	46	15	2
BRAC049	16	18	2	777	139	345	42	144	23.3	5.1	15.4	1.8	8.8	1.4	4.0	0.5	3.1	0.4	44	13	2
BRAC049	18	20	2	825	149	348	46	170	25.3	5.4	15.5	1.7	8.7	1.6	4.0	0.5	2.9	0.4	47	14	2
BRAC050	36	38	2	312	99	118	16	49	6.9	1.8	4.5	0.5	2.5	0.4	1.1	0.1	0.7	0.1	12	33	2
BRAC050	38	40	2	1011	358	305	66	196	21.8	5.2	13.1	1.6	7.3	1.3	2.9	0.3	1.6	0.2	32	38	2
BRAC050	40	42	2	794	264	274	51	145	15.6	3.5	8.8	1.0	4.8	0.8	1.7	0.2	1.1	0.2	23	35	3
BRAC050	42	44	2	935	283	349	62	178	19.1	3.9	9.3	1.1	4.9	0.8	1.9	0.2	1.2	0.2	22	39	3
BRAC050	44	46	2	711	221	282	43	124	13.2	3.2	5.9	0.6	2.8	0.5	1.1	0.1	0.9	0.2	13	23	2
BRAC050	46	48	2	1455	440	414	117	379	38.9	7.9	15.3	1.6	7.2	1.1	2.9	0.4	2.1	0.3	28	22	2
BRAC050	48	50	2	2580	752	917	175	561	58.6	11.3	27.9	2.8	12.6	2.0	4.9	0.6	3.2	0.4	52	32	3

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRAC050	50	52	2	1684	459	608	118	372	40.3	8.1	19.3	2.1	9.7	1.6	3.7	0.5	2.6	0.4	40	21	2
BRAC050	52	54	2	3033	796	1194	180	611	66.8	13.4	36.6	4.0	20.0	3.2	7.9	1.1	6.1	1.0	93	35	3
BRAC050	54	56	2	1618	375	776	78	259	28.4	6.2	18.0	1.9	10.4	1.7	4.5	0.6	3.1	0.5	55	27	2
BRAC050	56	58	2	1273	284	640	63	200	20.7	5.0	12.7	1.5	6.5	1.2	3.1	0.4	2.4	0.4	33	22	2
BRAC050	58	60	2	1273	258	647	63	208	22.2	5.7	13.1	1.6	7.6	1.4	3.6	0.5	3.0	0.5	38	17	2
BRAC050	60	66	6	568	144	285	26	78	8.5	2.2	4.3	0.5	2.2	0.4	1.4	0.2	1.2	0.2	14	14	1
BRAC051	54	56	2	576	129	325	24	69	9.3	1.6	3.8	0.5	2.2	0.3	0.9	0.1	0.8	0.1	10	20	2
BRAC051	56	58	2	570	136	317	25	67	8.9	1.3	3.5	0.4	1.9	0.3	0.7	0.1	0.6	0.1	9	18	2
BRAC051	58	60	2	672	165	351	30	87	11.2	1.9	5.5	0.6	3.1	0.5	1.2	0.2	1.2	0.1	14	25	4
BRAC051	60	62	2	585	141	311	27	73	10.3	1.7	4.6	0.6	2.6	0.5	1.1	0.1	0.9	0.1	13	22	3
BRAC051	62	64	2	764	154	448	31	90	12.3	2.3	6.0	0.7	3.0	0.5	1.2	0.2	1.1	0.1	15	21	3
BRAC051	64	66	2	992	196	585	40	116	16.3	2.7	7.3	0.9	4.0	0.7	1.8	0.3	1.4	0.3	20	24	3
BRAC051	66	68	2	1392	263	818	56	168	22.8	4.4	12.2	1.4	6.9	1.2	2.8	0.4	2.1	0.3	33	23	3
BRAC051	68	70	2	1827	413	935	84	251	35.4	6.6	19.9	2.2	11.6	1.9	5.1	0.7	3.6	0.6	58	27	3
BRAC051	70	72	2	2073	537	960	96	290	41.3	7.1	23.9	2.7	14.3	2.5	7.3	1.0	5.1	0.8	84	25	3
BRAC051	72	74	2	855	189	429	38	122	15.1	3.3	9.9	1.3	5.8	1.1	2.8	0.4	2.3	0.3	35	21	2
BRAC052	24	26	2	845	53	694	14	45	9.1	1.7	4.4	0.7	3.5	0.7	2.0	0.3	1.8	0.2	15	34	3
BRAC052	26	28	2	2862	246	2223	63	209	36.8	6.5	16.9	1.9	9.6	1.5	3.9	0.6	2.7	0.4	40	37	4
BRAC052	28	30	2	628	117	348	26	83	13.3	2.6	7.3	0.9	4.5	0.8	2.3	0.3	1.8	0.2	22	35	2
BRAC052	30	32	2	301	65	154	14	43	6.9	1.4	3.3	0.4	1.8	0.3	0.9	0.1	0.7	0.1	10	16	1
BRAC052	32	34	2	295	84	118	15	46	7.7	2.1	4.0	0.5	2.6	0.5	1.4	0.2	0.9	0.2	13	15	2
BRAC052	34	36	2	1458	433	564	89	257	39.9	7.7	17.6	2.0	9.7	1.3	3.1	0.4	2.2	0.3	33	25	4
BRAC052	36	38	2	1126	279	402	71	239	40.4	8.0	22.4	2.5	11.8	1.8	4.3	0.5	2.5	0.4	42	19	3
BRAC052	38	40	2	1185	267	462	73	246	40.7	8.0	21.8	2.5	11.4	1.8	4.2	0.5	2.8	0.4	44	16	4
BRAC052	40	42	2	1730	386	748	98	322	52.1	9.2	26.1	2.9	14.4	2.1	5.8	0.6	3.6	0.5	60	19	5
BRAC052	42	44	2	1608	334	736	78	257	41.4	8.3	26.2	3.1	15.5	2.9	8.0	0.9	5.0	0.6	93	21	5
BRAC052	44	46	2	1882	414	856	88	292	46.1	9.0	29.9	3.4	17.6	3.2	8.7	1.1	6.0	0.8	107	25	5
BRAC052	46	48	2	1568	326	581	85	301	48.4	10.6	36.1	4.3	22.2	4.1	11.3	1.6	8.1	1.1	128	19	4
BRAC052	48	50	2	1552	266	818	65	224	39.2	7.3	23.3	2.8	14.4	2.4	7.2	0.9	5.0	0.9	76	24	4
BRAC052	50	52	2	1580	260	920	59	198	32.6	6.3	20.1	2.2	11.3	1.8	5.4	0.7	4.5	0.7	58	25	4

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRAC052	52	54	2	1958	377	1052	84	266	39.8	7.8	22.5	2.6	14.1	2.4	7.0	0.9	6.0	0.9	76	30	5
BRAC052	54	56	2	1891	413	836	100	333	54.5	10.3	30.3	3.5	17.3	2.6	7.2	0.9	5.4	0.8	77	20	5
BRAC052	56	58	2	2708	602	1078	161	549	84.1	15.5	43.8	5.1	25.8	4.2	11.5	1.5	8.8	1.1	118	14	6
BRAC052	58	60	2	2074	398	925	106	380	59.2	11.5	34.6	3.9	20.0	3.5	10.2	1.4	9.0	1.2	112	13	5
BRAC052	60	62	2	973	201	440	48	159	24.7	4.8	14.4	1.6	8.5	1.5	5.0	0.7	4.1	0.7	60	12	3
BRAC052	62	64	2	1102	228	496	57	191	30.4	5.8	17.4	2.1	10.0	1.6	4.7	0.7	4.1	0.5	53	12	3
BRAC053	24	26	2	890	394	181	66	174	24.6	5.7	11.0	1.3	6.1	1.0	2.2	0.3	1.5	0.2	22	30	3
BRAC053	26	28	2	1866	711	393	136	413	55.9	14.2	30.0	3.4	16.5	2.7	7.7	0.9	4.5	0.6	78	25	3
BRAC053	28	30	2	1108	274	518	50	146	19.8	5.5	10.8	1.4	6.4	1.3	4.8	0.8	4.1	0.7	64	24	3
BRAC053	30	32	2	1440	316	621	77	246	35.7	8.6	21.3	2.7	13.4	2.3	6.1	0.9	5.1	0.9	84	42	5
BRAC053	32	34	2	1065	248	424	58	189	28.0	6.4	17.7	2.2	11.0	2.0	5.4	0.8	4.9	0.7	68	61	6
BRAC053	34	36	2	936	218	382	50	160	23.4	5.2	14.8	1.8	8.9	1.7	4.8	0.6	3.8	0.6	62	54	5
BRAC053	36	38	2	1819	445	648	107	353	51.3	13.7	34.8	4.4	20.8	3.9	10.3	1.4	7.7	1.3	117	72	6
BRAC053	38	40	2	2525	549	754	170	620	89.1	21.8	55.9	6.5	31.7	6.1	15.5	2.2	12.4	1.5	189	62	6
BRAC053	40	42	2	2701	535	911	165	621	92.6	22.2	57.7	7.0	36.2	7.0	19.4	2.8	17.7	2.3	204	53	5
BRAC053	42	44	2	1376	266	496	77	276	42.1	10.8	28.8	3.6	18.8	4.1	10.8	1.9	10.9	1.7	128	59	5
BRAC053	44	46	2	1795	367	729	100	337	51.5	12.0	30.3	3.6	17.8	3.4	9.3	1.4	10.5	1.4	121	39	5
BRAC053	46	48	2	1223	244	544	66	222	33.6	7.9	20.3	2.4	11.5	2.1	5.2	0.7	4.5	0.6	60	47	5
BRAC053	48	50	2	1643	311	815	80	271	39.9	8.9	25.4	3.0	14.1	2.3	5.8	0.8	4.5	0.6	62	37	6
BRAC053	50	52	2	2241	434	1143	108	353	51.6	11.8	30.2	3.5	17.1	2.8	6.2	0.9	5.6	0.8	73	51	6
BRAC053	52	54	2	2620	523	1154	141	478	69.0	16.2	43.2	5.3	25.5	4.7	12.4	1.6	9.6	1.3	135	34	6
BRAC053	54	56	2	2458	428	1081	123	435	67.7	16.3	45.4	5.5	28.5	5.6	15.1	2.1	12.5	1.6	192	27	5
BRAC053	56	58	2	1641	286	803	78	269	40.6	9.1	27.0	3.2	16.2	3.0	8.1	1.1	7.0	1.0	89	43	5
BRAC053	58	60	2	1838	306	917	87	307	45.4	10.9	29.7	3.4	17.0	3.2	8.5	1.2	7.7	0.9	93	34	4
BRAC053	60	62	2	2512	333	1406	109	413	61.5	14.4	37.2	4.1	19.3	3.5	8.9	1.3	7.9	1.0	94	31	4
BRAC053	62	64	2	1561	243	766	78	287	45.0	10.7	24.9	3.0	14.8	2.6	6.6	1.0	6.2	0.9	73	15	2
BRAC053	64	66	2	1010	175	430	48	167	25.9	6.6	19.9	2.4	12.9	2.8	7.9	1.3	9.7	1.8	99	14	3
BRAC053	66	68	2	1285	239	550	66	227	34.9	7.7	21.8	2.5	13.4	2.6	7.8	1.2	8.1	1.4	101	21	3
BRAC053	68	70	2	1075	211	472	56	194	28.2	6.5	17.9	2.1	11.0	2.0	4.9	0.7	4.1	0.7	65	31	3
BRAC053	70	72	2	1009	196	445	52	180	27.7	6.6	18.4	2.1	10.4	2.0	5.1	0.7	4.2	0.6	60	36	3

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRAC053	72	74	2	648	131	285	33	116	17.2	4.5	10.9	1.2	6.5	1.1	3.0	0.4	2.5	0.4	36	10	2
BRAC054	42	44	2	591	108	322	27	87	12.4	2.7	6.5	0.8	3.5	0.6	1.7	0.3	1.6	0.2	18	27	2
BRAC054	44	46	2	587	118	306	28	87	11.9	2.7	6.5	0.8	3.7	0.7	1.8	0.3	1.6	0.2	19	27	2
BRAC054	46	48	2	822	187	397	41	132	17.3	3.3	9.1	1.0	5.3	0.9	2.4	0.3	2.1	0.3	25	24	2
BRAC054	48	50	2	1084	250	502	56	185	24.5	4.9	13.5	1.5	6.9	1.2	3.1	0.3	2.8	0.3	33	26	3
BRAC054	50	52	2	1198	286	550	61	194	25.1	6.3	16.1	1.8	8.2	1.4	3.7	0.5	2.9	0.4	42	27	2
BRAC054	52	54	2	1142	273	515	57	180	23.8	6.0	16.0	1.9	9.0	1.6	4.3	0.6	3.6	0.5	51	26	2
BRAC054	54	56	2	847	204	381	41	135	18.2	4.0	11.2	1.2	6.7	1.1	3.3	0.4	2.5	0.3	38	21	2
BRAC054	56	58	2	964	228	441	48	150	20.6	4.8	12.7	1.4	7.1	1.3	3.5	0.5	2.7	0.4	43	26	2
BRAC054	58	60	2	900	213	414	45	140	19.7	4.6	11.8	1.4	6.4	1.2	3.1	0.4	2.6	0.4	38	25	2
BRAC054	60	62	2	940	230	429	45	149	19.7	4.3	12.1	1.4	6.6	1.1	3.0	0.4	2.5	0.3	38	23	2
BRAC054	62	64	2	827	202	382	40	132	16.1	3.9	8.8	1.1	5.8	1.0	2.9	0.4	2.1	0.3	30	24	2
BRAC054	64	66	2	577	142	265	29	92	12.4	2.4	6.4	0.8	3.9	0.7	2.0	0.2	1.4	0.2	20	17	2
BRAC054	66	68	2	818	206	375	39	132	16.6	3.6	8.2	1.0	5.2	0.9	2.4	0.3	2.0	0.3	27	22	2
BRAC054	68	70	2	653	164	300	31	104	13.6	2.8	7.0	0.8	4.3	0.6	2.3	0.2	1.7	0.2	21	20	2
BRAC054	70	72	2	803	200	366	39	129	16.9	3.6	8.6	1.0	5.4	1.0	2.8	0.3	2.2	0.3	28	22	2
BRAC055	48	50	2	437	155	206	17	45	3.3	1.4	1.4	0.2	0.8	0.1	0.4	0.1	0.5	0.0	5	30	2
BRAC055	50	52	2	449	131	249	15	39	4.0	1.3	1.6	0.2	0.9	0.2	0.5	0.1	0.6	0.1	5	23	2
BRAC055	52	54	2	403	150	179	17	44	3.7	1.4	1.2	0.2	0.9	0.2	0.6	0.1	0.6	0.1	6	28	2
BRAC055	54	56	2	1312	377	691	56	149	13.4	5.3	4.8	0.4	2.4	0.4	1.0	0.1	1.2	0.2	11	22	2
BRAC055	56	58	2	3683	936	2014	146	436	42.5	16.2	18.1	1.9	9.9	1.8	5.0	0.7	4.5	0.6	51	22	2
BRAC056	24	30	6	806	165	383	42	147	18.6	4.3	11.5	1.4	6.3	1.0	2.1	0.3	1.4	0.2	22	17	3
BRAC056	30	36	6	1761	341	844	89	328	46.6	9.8	27.0	3.0	13.6	2.3	4.5	0.5	3.7	0.4	49	9	3
BRAC056	36	39	3	2033	355	836	88	332	47.2	11.7	41.3	5.2	30.1	6.6	18.0	2.2	14.4	1.9	243	7	2
BRAC056A	12	18	6	90	13	54	3	8	1.6	0.4	1.0	0.2	1.0	0.2	0.5	0.1	0.9	0.1	5	34	2
BRAC056A	18	20	2	345	69	200	12	40	5.7	1.3	3.0	0.4	2.6	0.4	1.2	0.1	1.0	0.1	9	39	4
BRAC056A	20	22	2	288	67	142	13	42	6.0	1.4	3.1	0.5	2.7	0.4	1.3	0.2	0.9	0.1	9	21	3
BRAC056A	22	24	2	202	47	90	10	34	5.1	1.3	2.8	0.4	2.3	0.4	1.0	0.1	0.9	0.1	7	26	4
BRAC056A	24	26	2	163	34	63	9	31	6.0	1.3	3.0	0.5	2.7	0.5	1.3	0.2	1.6	0.2	9	28	4
BRAC056A	26	28	2	197	57	89	9	26	3.9	0.9	2.0	0.3	1.5	0.3	0.8	0.1	0.7	0.1	6	31	4

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRAC056A	28	30	2	280	93	128	12	32	4.2	0.9	2.2	0.3	1.6	0.2	0.7	0.1	0.7	0.1	5	20	5
BRAC056A	30	32	2	1331	446	643	58	146	14.4	2.8	5.8	0.6	3.1	0.4	1.0	0.1	0.7	0.1	9	11	4
BRAC056A	32	34	2	5987	1449	2763	333	1107	134.0	28.4	57.7	6.6	30.2	3.7	7.9	0.8	4.0	0.5	63	11	5
BRAC056A	34	36	2	2499	419	1047	141	581	81.7	18.1	43.9	5.1	26.5	4.0	10.5	1.2	7.5	1.0	112	11	2
BRAC056A	36	38	2	1335	235	500	65	264	42.2	10.0	29.3	3.9	21.2	4.0	11.9	1.6	10.0	1.3	137	8	2
BRAC056A	38	40	2	1686	283	586	71	272	38.9	10.7	34.9	5.1	32.9	7.0	21.6	2.8	17.4	2.4	302	18	2
BRAC056A	40	42	2	1102	199	421	51	187	30.3	7.7	23.9	3.2	19.4	3.9	11.3	1.3	8.9	1.1	133	8	2
BRAC056A	42	44	2	1329	307	530	64	227	32.2	7.9	21.8	2.6	14.9	2.7	7.7	1.1	6.2	0.8	103	13	2
BRAC056A	44	46	2	1100	244	469	53	184	25.4	6.2	17.8	2.2	11.7	2.2	6.4	0.8	4.7	0.6	73	13	2
BRAC056A	46	48	2	1005	218	432	49	178	24.2	6.2	16.3	2.0	11.0	2.0	5.2	0.6	4.1	0.5	56	10	1
BRAC056A	48	50	2	1242	263	535	63	223	33.5	7.9	20.5	2.6	13.8	2.4	6.5	0.7	5.0	0.6	65	13	2
BRAC056A	50	52	2	1060	239	465	52	183	25.9	6.3	15.3	1.9	10.3	1.7	4.4	0.5	3.5	0.4	51	9	1
BRAC056A	52	54	2	976	231	440	47	160	20.6	5.2	12.9	1.5	8.7	1.3	4.0	0.5	3.0	0.4	41	13	2
BRAC056A	54	56	2	933	222	418	44	153	21.2	4.9	12.5	1.6	8.1	1.3	3.7	0.4	2.7	0.4	41	13	2
BRAC056A	56	58	2	929	236	426	44	141	18.0	4.6	10.2	1.2	6.8	1.2	3.2	0.4	2.7	0.4	35	17	2
BRAC056A	58	60	2	795	204	363	37	121	15.2	4.1	9.0	1.0	5.5	0.9	2.6	0.3	2.3	0.3	29	18	2
BRAC056A	60	62	2	876	196	387	44	150	21.6	5.1	13.1	1.6	7.9	1.4	3.3	0.4	2.8	0.4	42	9	1
BRAC056A	62	64	2	1022	240	486	49	156	21.4	4.9	11.6	1.3	7.2	1.2	2.9	0.4	2.3	0.3	38	17	2
BRAC056A	64	66	2	1021	222	472	51	166	24.5	5.4	14.9	1.6	8.8	1.4	3.7	0.5	2.8	0.4	47	13	2
BRAC056A	66	67	1	1082	213	495	56	196	25.2	5.7	17.2	2.0	10.1	1.8	4.3	0.5	3.5	0.4	52	9	1
BRAC057	18	20	2	369	111	134	21	66	9.0	2.0	5.5	0.7	3.5	0.5	1.2	0.2	0.9	0.1	13	22	2
BRAC057	20	22	2	511	159	189	31	91	12.5	2.9	7.4	0.8	3.9	0.5	1.3	0.1	0.7	0.1	11	20	1
BRAC057	22	24	2	1182	331	443	68	241	34.2	7.1	18.0	2.0	9.0	1.2	2.4	0.2	1.4	0.1	23	13	2
BRAC057	24	26	2	4213	1355	1246	294	992	121.2	23.9	60.2	6.2	28.7	3.5	7.6	0.7	3.7	0.4	70	7	2
BRAC057	26	28	2	1403	330	593	79	282	40.4	8.2	21.8	2.2	11.3	1.5	3.3	0.3	2.1	0.2	29	7	3
BRAC057	28	30	2	1101	222	513	55	191	30.3	6.5	20.2	2.4	12.2	1.8	4.4	0.5	3.0	0.3	40	16	4
BRAC057	30	32	2	1477	314	779	62	197	28.3	6.6	19.6	2.3	12.6	1.7	4.6	0.4	2.8	0.3	46	15	2
BRAC057	32	34	2	1907	360	1097	76	241	32.4	7.4	19.4	2.2	11.2	1.8	4.6	0.5	3.5	0.4	50	16	3
BRAC057	34	36	2	1052	215	562	43	142	20.3	5.0	11.6	1.4	7.2	1.3	3.3	0.4	2.5	0.3	36	11	2
BRAC057	36	38	2	570	96	302	26	84	11.2	2.3	7.4	0.9	5.8	1.0	3.3	0.5	3.5	0.4	28	16	3

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRAC057	38	40	2	1613	279	820	80	278	43.2	8.2	24.1	2.9	13.2	2.2	5.4	0.7	3.6	0.4	53	8	2
BRAC057	40	42	2	3369	619	1695	160	557	84.2	17.2	51.7	6.0	31.0	4.6	11.4	1.5	9.2	1.1	121	7	2
BRAC057	42	44	2	3240	613	1541	149	528	80.5	17.5	56.8	6.8	36.3	6.2	15.5	2.1	12.8	1.6	173	19	2
BRAC057	44	46	2	3178	486	1498	112	427	66.2	16.4	60.3	7.7	47.0	9.8	29.4	4.5	25.7	3.7	385	9	2
BRAC057	46	48	2	3288	460	1205	106	387	63.2	15.7	66.5	9.2	64.3	15.3	52.9	8.5	55.5	9.2	771	14	1
BRAC057	48	50	2	2641	384	866	89	315	51.3	13.1	53.3	7.4	54.1	13.8	46.6	7.5	49.7	8.0	683	14	1
BRAC057	50	52	2	1640	306	677	76	266	39.3	8.7	30.8	3.5	21.4	4.2	12.6	1.8	11.3	1.8	181	10	1
BRAC057	52	54	2	1858	369	742	81	276	39.6	8.9	30.4	4.0	23.2	5.0	16.2	2.5	16.3	2.5	242	14	2
BRAC057	54	56	2	1800	360	742	83	282	41.6	9.3	28.9	3.4	21.0	4.4	13.7	2.0	12.9	2.1	194	16	2
BRAC057	56	58	2	2274	517	1052	104	343	44.1	10.3	29.4	3.2	18.9	3.7	9.7	1.4	7.8	1.0	130	20	3
BRAC057	58	60	2	1906	446	858	89	295	39.3	8.5	25.0	2.7	15.2	3.0	7.8	1.1	6.9	1.0	108	18	4
BRAC057	60	62	2	1768	407	819	83	275	35.3	7.8	20.4	2.4	12.8	2.3	6.6	0.8	5.7	0.8	89	17	4
BRAC057	62	64	2	1274	232	538	62	211	31.4	7.2	21.4	2.4	14.1	2.9	9.2	1.2	7.4	1.1	133	8	3
BRAC057	64	66	2	866	156	376	43	147	21.6	5.1	15.2	1.9	10.3	1.9	5.2	0.8	4.6	0.7	77	5	1
BRAC057	66	68	2	970	177	410	48	174	26.7	6.0	18.2	2.3	12.3	2.3	5.9	0.8	5.0	0.7	81	5	1
BRAC057	68	70	2	872	167	376	44	156	24.2	5.5	15.5	1.9	10.5	1.8	4.6	0.7	4.2	0.4	61	4	1
BRAC057	70	72	2	837	159	362	42	146	23.0	5.5	16.1	1.8	10.1	1.9	4.8	0.7	4.0	0.5	60	4	1
BRAC058	12	14	2	47	7	25	2	5	1.1	0.2	0.9	0.1	0.6	0.1	0.3	0.1	0.4	0.0	4	24	1
BRAC058	14	16	2	55	19	15	3	10	1.5	0.4	1.0	0.2	0.6	0.1	0.4	0.1	0.5	0.0	4	26	1
BRAC058	16	18	2	87	48	14	5	12	1.6	0.3	1.0	0.1	0.8	0.1	0.4	0.1	0.5	0.0	4	19	1
BRAC058	18	20	2	198	108	41	12	28	2.6	0.5	1.4	0.2	0.8	0.2	0.4	0.1	0.3	0.0	5	21	1
BRAC058	20	22	2	267	128	74	15	37	3.7	0.6	1.9	0.2	1.1	0.2	0.5	0.1	0.4	0.1	5	35	1
BRAC058	22	24	2	306	148	92	16	38	3.2	0.6	1.7	0.2	1.0	0.2	0.4	0.1	0.4	0.1	5	32	1
BRAC058	24	26	2	466	200	174	21	54	5.1	0.9	2.6	0.3	1.3	0.2	0.7	0.1	0.4	0.1	7	39	1
BRAC058	26	28	2	689	355	223	29	61	5.8	1.1	3.0	0.4	1.8	0.3	0.8	0.1	0.7	0.1	8	39	1
BRAC058	28	30	2	252	118	86	11	24	2.9	0.6	1.6	0.2	0.9	0.2	0.6	0.1	0.5	0.1	6	35	1
BRAC058	30	32	2	718	285	282	33	82	8.9	1.4	4.6	0.5	2.8	0.4	1.3	0.2	1.0	0.1	15	63	1
BRAC058	32	34	2	589	201	270	26	67	6.8	1.3	3.2	0.4	2.0	0.3	1.0	0.1	0.6	0.1	10	49	1
BRAC058	34	36	2	520	169	230	26	69	7.8	1.3	3.2	0.4	1.9	0.4	0.9	0.1	0.8	0.1	10	45	1
BRAC058	36	38	2	547	185	228	27	76	7.7	1.6	4.2	0.5	2.4	0.4	1.2	0.1	1.0	0.1	12	37	1

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRAC058	38	40	2	336	94	173	14	38	4.7	1.4	2.4	0.3	1.6	0.3	0.6	0.1	0.6	0.1	7	19	1
BRAC058	40	42	2	310	80	160	13	38	5.2	1.2	2.7	0.3	1.6	0.3	0.7	0.1	0.7	0.1	8	18	1
BRAC058	42	44	2	394	107	199	17	48	6.3	1.3	3.0	0.4	1.8	0.3	0.9	0.1	0.7	0.1	9	19	1
BRAC058	44	46	2	217	58	103	10	30	3.7	0.8	2.3	0.3	1.5	0.3	0.8	0.1	0.6	0.1	7	15	1
BRAC058	46	48	2	715	189	346	35	100	12.3	2.2	6.5	0.8	3.6	0.6	1.7	0.2	1.3	0.2	16	25	2
BRAC058	48	50	2	980	264	468	47	141	17.3	2.8	7.8	1.0	5.1	0.8	2.3	0.3	1.7	0.3	21	34	3
BRAC058	50	52	2	858	218	427	41	120	15.4	2.3	7.2	0.9	4.3	0.7	1.9	0.3	1.3	0.2	18	29	2
BRAC058	52	54	2	1644	365	840	76	244	34.1	4.9	17.7	2.1	10.0	1.6	4.1	0.5	3.4	0.4	42	47	3
BRAC058	54	56	2	1522	326	769	69	233	33.8	5.1	17.9	2.3	11.1	1.7	4.3	0.5	3.4	0.4	46	38	4
BRAC058	56	58	2	1185	266	589	55	180	25.2	3.7	13.9	1.7	8.3	1.4	3.7	0.4	2.8	0.4	34	37	3
BRAC058	58	60	2	834	196	399	39	125	17.2	2.7	10.3	1.4	6.7	1.1	2.9	0.4	2.3	0.3	30	34	3
BRAC058	60	62	2	925	222	445	43	136	18.6	2.9	11.4	1.5	6.8	1.1	3.3	0.4	2.5	0.4	32	36	3
BRAC058	62	64	2	829	209	400	38	118	15.4	2.1	8.2	1.0	5.3	0.9	2.3	0.3	2.0	0.3	26	38	2
BRAC058	64	66	2	893	221	438	42	128	15.5	2.4	9.1	1.1	5.3	0.8	2.3	0.3	2.2	0.3	25	38	2
BRAC058	66	68	2	646	164	317	29	89	10.9	2.0	6.3	0.8	3.7	0.7	2.0	0.2	1.7	0.2	19	28	1
BRAC058	68	70	2	613	152	300	28	86	11.4	2.1	6.1	0.8	3.7	0.7	1.9	0.2	1.3	0.2	19	23	2
BRAC058	70	72	2	953	222	467	45	145	19.7	3.1	10.6	1.3	6.3	1.1	2.9	0.4	2.3	0.3	28	30	2
BRAC059	48	50	2	550	175	254	25	69	8.4	1.6	4.1	0.4	2.2	0.3	1.0	0.1	1.1	0.1	9	38	2
BRAC059	50	52	2	392	124	179	18	49	5.9	1.4	3.1	0.3	1.6	0.3	0.9	0.1	0.9	0.1	8	26	2
BRAC059	52	54	2	487	147	233	21	59	5.9	1.6	3.6	0.4	2.0	0.3	1.0	0.1	0.9	0.2	12	26	3
BRAC059	54	56	2	719	219	324	34	97	11.5	2.1	7.1	0.8	3.9	0.6	1.6	0.2	1.1	0.1	17	33	3
BRAC059	56	58	2	507	148	228	24	73	9.6	1.3	4.6	0.5	2.6	0.4	1.0	0.1	1.0	0.1	12	37	3
BRAC059	58	60	2	364	105	163	18	53	7.1	1.2	3.7	0.4	2.1	0.3	0.9	0.1	0.9	0.1	10	35	3
BRAC059	60	66	6	292	69	154	13	40	4.7	0.8	2.4	0.2	1.4	0.3	0.6	0.1	0.6	0.1	7	24	2
BRAC059	66	72	6	608	113	367	24	72	9.1	1.4	4.2	0.5	2.2	0.4	1.2	0.2	0.9	0.1	12	30	2
BRAC059	72	74	2	651	124	402	23	70	8.6	2.2	4.1	0.5	2.3	0.4	1.1	0.2	1.2	0.2	12	25	2
BRAC059	74	76	2	1279	192	885	38	116	14.2	3.0	6.7	0.8	3.7	0.6	1.8	0.2	1.6	0.3	17	29	2
BRAC059	76	78	2	1463	162	1115	35	105	14.4	2.6	5.7	0.7	3.3	0.6	1.7	0.2	1.6	0.3	16	28	1
BRAC059	78	80	2	1159	161	820	33	102	12.9	2.6	5.8	0.7	3.2	0.5	1.6	0.2	1.4	0.2	15	26	1
BRAC059	80	82	2	1575	222	1108	46	141	17.6	3.2	7.6	1.0	4.2	0.8	2.0	0.3	1.8	0.3	21	31	2

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRAC059	82	84	2	1662	249	1125	52	165	20.9	3.7	9.3	1.1	5.3	0.9	2.4	0.3	2.1	0.3	26	29	1
BRAC059	84	86	2	1337	271	750	56	182	22.4	3.6	9.9	1.2	6.0	1.0	2.8	0.4	2.0	0.3	29	28	1
BRAC059	86	88	2	1483	328	740	75	243	30.3	4.9	12.3	1.5	7.4	1.2	3.7	0.4	2.8	0.4	33	27	2
BRAC059	88	90	2	1330	298	664	64	209	26.2	4.0	11.9	1.6	8.0	1.3	3.6	0.5	2.8	0.4	36	27	2
BRAC059	90	92	2	1740	430	750	86	289	39.4	6.1	23.0	3.0	16.5	2.9	8.3	1.0	5.3	0.6	79	29	3
BRAC059	92	94	2	1255	300	535	68	231	31.7	4.5	15.4	2.0	10.8	1.8	4.4	0.5	3.1	0.4	46	25	2
BRAC059	94	96	2	860	206	384	45	152	20.6	2.9	9.6	1.2	6.5	1.0	2.7	0.3	2.2	0.3	27	23	2
BRAC062	30	32	2	354	100	146	18	56	7.6	1.4	3.9	0.6	3.1	0.5	1.7	0.2	1.5	0.2	14	34	4
BRAC062	32	34	2	787	186	352	41	138	19.9	3.8	10.3	1.3	6.2	0.9	2.7	0.3	2.1	0.3	23	41	4
BRAC062	34	36	2	1423	330	600	75	271	39.7	7.7	23.1	2.5	12.6	2.0	4.6	0.6	3.4	0.4	52	45	3
BRAC062	36	38	2	2134	419	984	107	406	60.4	12.0	33.8	3.9	18.8	3.0	7.4	0.8	5.0	0.7	74	57	3
BRAC063	12	14	2	72	19	30	3	11	1.2	0.4	1.0	0.2	0.7	0.1	0.5	0.1	0.4	0.1	5	20	1
BRAC063	14	16	2	250	61	98	13	47	7.1	1.4	3.8	0.5	2.6	0.4	1.2	0.2	1.2	0.1	13	18	1
BRAC063	16	18	2	1425	280	575	82	302	47.4	9.4	28.4	3.5	15.3	2.5	6.0	0.8	4.9	0.8	68	30	3
BRAC063	18	20	2	1506	283	630	80	326	52.9	9.4	28.2	3.0	15.4	2.4	5.8	0.7	3.8	0.5	65	31	3
BRAC063	20	22	2	1620	285	694	84	350	59.6	11.0	33.7	3.7	18.1	2.7	6.1	0.7	3.6	0.4	68	24	3
BRAC063	22	24	2	1746	305	867	86	338	50.9	9.4	25.3	2.8	12.6	1.8	4.1	0.5	2.6	0.3	40	22	3
BRAC063	24	26	2	1816	344	911	90	338	49.5	9.6	26.4	2.7	11.1	1.5	3.1	0.3	1.8	0.2	27	21	3
BRAC063	26	28	2	887	182	441	45	159	21.3	3.8	10.7	1.1	5.4	0.7	1.6	0.2	1.2	0.1	14	21	3
BRAC063	28	30	2	1116	198	532	60	229	34.5	6.5	18.0	1.8	8.3	1.2	2.6	0.3	1.8	0.2	23	22	3
BRAC063	30	32	2	785	150	387	38	141	19.8	4.1	11.0	1.1	5.6	0.9	2.2	0.3	2.2	0.4	23	18	3
BRAC063	32	34	2	1241	238	564	66	258	39.3	7.1	18.4	1.8	7.9	1.2	3.4	0.5	3.2	0.5	33	20	4
BRAC063	34	36	2	1166	215	506	64	240	37.5	6.9	19.9	2.4	11.2	1.9	5.1	0.7	4.2	0.6	52	24	10
BRAC063	36	38	2	1330	186	491	66	287	55.6	11.5	38.3	5.0	25.8	4.5	12.3	1.7	10.3	1.5	134	20	8
BRAC063	38	40	2	1226	195	468	56	224	39.9	9.3	33.2	4.3	23.9	4.5	13.1	1.6	9.0	1.2	144	23	3
BRAC063	40	42	2	1129	175	472	59	233	41.5	8.3	26.2	3.1	15.6	2.6	7.3	0.9	5.5	0.8	79	18	4
BRAC063	42	44	2	1174	225	510	59	221	36.9	7.1	22.3	2.7	13.5	2.2	5.5	0.7	4.3	0.6	65	28	3
BRAC063	44	46	2	998	163	419	51	203	36.4	7.2	22.3	2.6	13.4	2.2	6.0	0.7	4.5	0.6	67	16	3
BRAC063	46	48	2	952	162	397	48	194	32.5	7.0	21.7	2.6	12.6	2.2	5.2	0.7	4.1	0.6	63	16	3
BRAC063	48	50	2	999	164	414	51	206	37.2	7.8	22.7	2.8	14.1	2.3	5.9	0.8	4.7	0.6	65	19	3

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRAC063	50	52	2	1015	183	433	50	198	33.3	7.6	21.2	2.6	12.9	2.1	5.5	0.6	4.2	0.6	60	20	3
BRAC063	52	54	2	1178	236	517	57	216	35.4	7.3	21.0	2.6	12.8	2.0	5.7	0.7	4.3	0.6	60	29	3
BRAC063	54	55	1	850	148	383	43	157	24.6	5.5	16.8	2.0	9.3	1.7	4.0	0.6	3.7	0.5	51	20	3
BRAC064	36	38	2	1715	388	828	81	274	40.8	7.4	21.3	2.5	12.0	1.8	4.1	0.4	2.4	0.3	51	26	2
BRAC064	38	40	2	1758	380	729	90	332	52.4	9.6	32.3	3.7	18.5	3.2	7.9	0.9	4.3	0.5	94	26	2
BRAC064	40	42	2	1774	369	833	89	308	46.6	9.2	26.4	3.1	15.6	2.4	5.8	0.6	3.2	0.4	63	37	4
BRAC064	42	44	2	2889	574	1314	162	576	81.5	16.4	43.2	5.1	23.0	3.3	7.6	0.9	4.8	0.7	78	41	5
BRAC064	44	46	2	2395	398	1090	123	465	72.2	13.2	44.5	5.3	24.6	4.5	10.9	1.4	7.6	0.9	135	36	5
BRAC064	46	48	2	2828	466	1240	141	548	85.4	16.4	54.5	6.5	34.1	5.9	15.4	1.9	10.4	1.3	202	44	5
BRAC064	48	50	2	1405	243	699	66	250	36.9	7.4	20.6	2.5	11.7	1.9	4.8	0.6	3.6	0.4	58	36	4
BRAC064	50	52	2	1926	333	841	103	401	65.9	12.0	38.4	4.5	21.2	3.2	8.0	0.9	5.2	0.6	88	50	6
BRAC064	52	54	2	1984	319	903	82	335	57.5	12.3	44.2	5.3	27.7	4.9	12.5	1.4	7.3	1.0	173	38	4
BRAC064	54	56	2	1083	200	488	50	191	30.7	7.2	21.6	2.5	12.7	2.2	5.4	0.7	3.8	0.5	68	29	3
BRAC064	56	58	2	767	137	360	35	135	23.0	4.9	14.6	1.7	8.7	1.4	3.6	0.5	2.8	0.4	41	37	2
BRAC064	58	60	2	980	181	456	46	167	27.6	5.9	18.7	2.1	11.0	1.8	4.5	0.5	3.0	0.4	55	37	3
BRAC064	60	66	6	434	84	228	18	64	9.2	1.7	5.5	0.6	2.7	0.5	1.5	0.2	1.4	0.3	16	31	2
BRAC065	12	14	2	721	167	293	38	136	20.1	4.1	12.5	1.6	7.4	1.3	3.1	0.4	2.2	0.3	35	27	2
BRAC065	14	16	2	1110	227	522	53	188	27.8	5.7	16.7	2.1	9.7	1.7	4.1	0.5	2.7	0.4	49	29	2
BRAC065	16	18	2	2746	382	1774	94	329	45.8	8.9	24.0	2.8	13.9	2.0	4.9	0.6	3.6	0.4	60	28	2
BRAC065	18	20	2	1937	291	1178	72	260	38.0	7.6	21.3	2.5	12.2	1.8	4.2	0.5	3.0	0.3	46	27	2
BRAC065	20	22	2	1988	360	1057	88	309	45.2	9.4	28.4	3.2	15.7	2.4	5.4	0.6	3.8	0.3	60	26	2
BRAC065	22	24	2	1840	369	939	87	300	38.5	7.7	20.3	2.4	11.7	2.0	4.7	0.5	3.0	0.4	54	33	4
BRAC065	24	26	2	1815	344	830	95	350	54.9	10.9	30.4	3.7	17.0	2.7	6.5	0.8	4.6	0.5	66	26	4
BRAC065	26	28	2	1125	202	505	54	205	33.9	7.6	23.2	2.8	13.5	2.2	6.1	0.7	5.4	0.8	65	25	4
BRAC065	28	30	2	1282	219	554	59	219	35.8	7.6	25.0	3.0	17.0	3.2	9.9	1.4	8.4	1.3	120	21	5
BRAC065	30	32	2	1240	227	515	61	233	36.9	8.5	25.1	3.1	15.5	2.8	8.1	1.1	7.7	1.1	95	21	4
BRAC065	32	34	2	1834	386	824	86	295	43.8	9.4	31.5	3.9	18.9	3.3	9.3	1.3	9.0	1.4	112	40	6
BRAC065	34	36	2	985	177	410	49	180	29.2	6.3	20.7	2.4	12.6	2.3	6.4	0.9	5.4	0.8	82	17	6
BRAC065	36	38	2	1198	249	529	58	207	30.7	6.7	19.9	2.5	13.1	2.1	5.6	0.7	4.1	0.6	70	27	6
BRAC065	38	40	2	954	176	403	48	181	28.5	6.2	18.4	2.3	11.9	2.1	5.3	0.7	4.4	0.5	67	19	6

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRAC065	40	42	2	1077	209	472	54	198	30.5	6.2	18.6	2.2	11.6	2.1	5.0	0.7	4.2	0.6	62	23	7
BRAC065	42	44	2	1158	219	497	58	213	32.5	6.8	20.7	2.6	13.1	2.3	6.4	0.7	4.7	0.7	81	25	6
BRAC065	44	46	2	1158	253	519	57	197	28.8	5.8	16.5	2.0	10.6	1.8	4.7	0.6	3.7	0.5	57	25	6
BRAC065	46	48	2	961	191	411	48	174	28.9	5.9	18.2	2.3	11.5	1.9	5.3	0.7	3.9	0.6	59	20	7
BRAC065	48	50	2	925	181	399	46	165	25.4	5.5	17.1	2.0	10.5	1.8	4.8	0.7	3.9	0.6	63	20	5
BRAC065	50	52	2	931	189	411	46	166	24.4	5.4	16.4	2.0	10.2	1.7	4.1	0.5	3.3	0.5	52	21	3
BRAC065	52	54	2	730	149	322	36	135	20.5	3.9	11.8	1.4	7.3	1.3	3.1	0.4	2.1	0.3	37	15	2
BRAC066	12	14	2	829	225	329	42	143	22.1	4.2	12.8	1.5	7.6	1.2	3.1	0.4	2.2	0.2	34	47	3
BRAC066	14	16	2	847	224	308	48	168	24.5	5.3	14.9	1.6	8.7	1.3	3.3	0.4	1.8	0.2	38	42	3
BRAC066	16	18	2	962	255	346	57	197	26.6	5.8	15.7	1.8	8.4	1.4	3.5	0.5	2.8	0.3	41	24	3
BRAC066	18	20	2	2023	386	1234	70	210	26.7	5.5	14.8	1.9	8.9	1.5	4.2	0.6	3.8	0.7	55	27	2
BRAC066	20	22	2	2478	432	1572	83	250	35.5	6.3	20.6	2.6	12.7	1.9	4.4	0.7	3.1	0.4	54	34	4
BRAC066	22	24	2	2652	468	1547	99	321	50.1	8.5	31.2	4.1	21.2	3.2	7.5	0.9	4.8	0.5	85	43	4
BRAC066	24	26	2	2798	610	1208	138	477	77.3	11.7	56.0	7.3	37.1	5.9	12.5	1.7	6.5	0.9	149	19	7
BRAC066	26	28	2	1471	287	727	75	240	34.6	4.7	20.7	2.6	12.7	1.9	4.5	0.6	3.1	0.4	57	28	7
BRAC066	28	30	2	1172	242	570	61	191	27.1	3.7	15.5	1.9	9.1	1.5	3.4	0.5	2.5	0.3	44	120	6
BRAC067	24	26	2	1014	256	527	38	120	17.4	3.3	10.7	1.1	5.9	1.0	2.4	0.4	1.7	0.2	30	32	2
BRAC067	26	28	2	1194	297	479	59	210	35.3	6.5	22.5	2.7	13.5	2.1	4.9	0.6	3.1	0.4	59	63	4
BRAC067	28	30	2	2143	448	976	109	384	56.6	10.9	34.9	4.2	19.7	3.0	6.8	0.8	4.6	0.5	84	38	5
BRAC067	30	32	2	2676	568	1271	140	459	63.9	12.7	37.1	4.4	20.0	3.1	6.5	0.8	4.3	0.4	86	20	7
BRAC067	32	34	2	4417	1117	2124	217	683	88.6	16.7	43.7	4.9	22.2	3.1	6.7	0.9	4.0	0.5	85	8	9
BRAC067	34	36	2	4323	1083	2180	184	600	74.9	15.7	45.7	5.2	23.8	3.4	7.5	1.0	4.7	0.5	95	5	11
BRAC067	36	38	2	2653	881	1065	124	392	51.5	10.4	31.5	3.6	16.3	2.5	5.5	0.7	3.6	0.4	66	6	14
BRAC067	38	40	2	2582	725	1190	113	359	48.4	9.9	29.7	3.5	16.9	2.5	5.7	0.8	4.2	0.6	73	17	11
BRAC067	40	42	2	3963	821	1836	217	711	99.9	19.6	54.8	6.4	30.9	4.8	11.1	1.6	8.5	1.1	140	35	9
BRAC067	42	44	2	4261	836	1983	221	768	113.9	23.4	71.0	8.5	40.5	6.2	14.1	1.9	10.4	1.3	162	11	5
BRAC067	44	46	2	1771	395	641	106	370	54.9	10.8	35.4	4.2	22.0	3.7	8.8	1.2	6.9	0.9	111	17	3
BRAC067	46	48	2	1097	256	424	63	220	29.9	6.0	19.6	2.4	10.9	1.8	5.1	0.7	3.8	0.6	55	9	3
BRAC067	48	50	2	1146	271	480	62	207	28.7	5.7	17.4	2.2	10.7	1.7	4.5	0.6	3.7	0.5	51	12	6
BRAC067	50	52	2	1214	272	499	65	223	31.9	6.6	21.4	2.7	13.3	2.2	5.2	0.8	4.4	0.6	68	18	12

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRAC067	52	54	2	1053	230	433	56	191	27.5	5.5	18.2	2.2	11.7	2.0	5.3	0.7	4.0	0.6	66	10	7
BRAC067	54	56	2	921	187	371	44	158	21.6	5.1	17.4	2.1	11.3	2.3	6.2	0.9	4.4	0.8	90	8	2
BRAC067	56	58	2	1269	252	550	66	233	33.5	6.7	22.7	2.8	13.5	2.4	5.9	0.8	4.6	0.7	74	9	4
BRAC067	58	60	2	833	168	368	43	146	21.8	4.2	14.4	1.8	8.6	1.4	4.1	0.5	3.4	0.5	48	13	6
BRAC067	60	61	1	1057	208	461	55	198	29.6	5.1	17.4	2.0	10.8	1.9	4.5	0.7	3.6	0.5	60	12	6
BRRC058	18	20	2	484	255	70	33	89	9.2	1.7	6.4	0.7	3.9	0.6	1.3	0.2	0.9	0.1	14	22	1
BRRC058	20	22	2	203	109	34	13	34	3.8	0.8	2.0	0.3	1.4	0.2	0.5	0.1	0.4	0.0	5	17	1
BRRC058	22	24	2	223	113	39	14	39	4.3	0.9	2.8	0.4	2.0	0.3	0.7	0.1	0.5	0.1	7	20	1
BRRC058	24	26	2	295	165	50	19	45	4.1	0.8	2.4	0.3	1.3	0.2	0.5	0.1	0.4	0.0	6	17	1
BRRC058	26	28	2	526	314	48	36	93	10.2	1.6	5.8	0.6	3.3	0.5	1.2	0.1	0.8	0.1	13	24	1
BRRC058	28	30	2	368	189	63	21	62	7.7	1.0	5.4	0.7	3.5	0.5	1.2	0.1	0.7	0.1	13	24	1
BRRC058	36	38	2	84	34	29	4	10	1.4	0.5	1.1	0.2	0.7	0.2	0.5	0.0	0.4	0.1	4	15	2
BRRC058	38	40	2	1153	419	414	67	180	22.2	3.4	11.2	1.4	6.5	0.9	2.5	0.3	2.3	0.3	24	16	4
BRRC058	40	42	2	438	103	198	22	74	10.6	1.6	6.8	0.8	3.6	0.5	1.3	0.2	1.0	0.1	15	18	2
BRRC058	42	44	2	924	204	436	45	157	20.8	3.5	11.8	1.4	6.9	1.1	2.9	0.4	1.9	0.3	32	16	2
BRRC058	44	46	2	868	192	393	45	155	22.7	3.6	12.6	1.4	6.6	1.0	2.6	0.3	1.8	0.3	30	19	2
BRRC058	46	48	2	786	167	382	39	131	18.2	2.9	9.8	1.2	5.5	0.9	2.1	0.3	1.7	0.2	25	17	2
BRRC058	48	50	2	800	152	397	38	134	19.4	3.8	11.8	1.5	6.8	1.2	2.6	0.3	2.1	0.3	30	14	2
BRRC058	50	52	2	1388	258	693	55	209	32.4	6.4	24.9	3.1	15.3	2.7	6.8	0.8	5.0	0.7	76	16	2
BRRC058	52	54	2	467	108	218	23	73	9.2	1.9	6.0	0.7	3.8	0.7	1.6	0.2	1.1	0.2	20	15	1
BRRC058	54	57	3	335	84	155	16	50	7.5	1.2	4.1	0.5	2.3	0.4	1.2	0.1	0.9	0.1	12	11	1
BRRC059	6	8	2	915	177	394	43	163	27.7	6.4	21.9	2.7	11.8	2.0	4.2	0.5	3.0	0.4	58	16	2
BRRC059	8	10	2	1356	258	602	63	234	37.2	9.3	33.3	4.0	18.3	3.1	6.7	0.8	4.3	0.4	82	18	2
BRRC059	10	12	2	1461	286	620	75	274	41.6	9.1	28.7	3.8	17.9	3.0	7.3	0.9	4.7	0.5	89	22	2
BRRC059	12	14	2	1242	255	602	61	209	29.3	5.8	17.6	2.0	9.1	1.5	3.6	0.5	3.1	0.4	43	20	2
BRRC059	14	16	2	1225	258	542	67	233	35.6	6.7	19.2	2.2	10.1	1.7	3.8	0.5	3.1	0.5	42	15	2
BRRC059	16	18	2	1962	380	909	105	381	57.2	12.0	32.9	3.9	15.6	2.4	5.6	0.6	4.6	0.5	52	16	2
BRRC059	18	20	2	1189	245	529	64	229	37.7	7.2	20.9	2.5	10.6	1.5	4.0	0.5	3.1	0.5	35	18	3
BRRC059	20	22	2	1729	348	808	89	331	51.6	10.1	27.3	3.0	13.0	1.7	3.9	0.5	3.3	0.5	38	15	3
BRRC059	22	24	2	831	175	381	42	153	23.3	4.8	13.6	1.5	7.0	1.0	2.7	0.4	2.6	0.3	24	16	4

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRRC059	24	26	2	539	109	243	26	94	14.2	3.0	9.7	1.1	5.6	1.0	2.5	0.4	2.8	0.4	28	13	6
BRRC059	26	28	2	837	151	366	47	188	28.5	5.3	14.4	1.2	4.9	0.8	2.2	0.4	2.8	0.5	26	13	4
BRRC059	28	30	2	1833	339	834	102	393	52.1	9.8	23.8	2.1	9.8	1.5	4.8	0.7	5.4	0.9	55	12	4
BRRC059	30	32	2	880	169	375	46	179	32.4	7.0	18.5	1.9	8.5	1.3	3.1	0.4	2.6	0.5	36	8	7
BRRC059	32	34	2	1000	187	400	48	186	34.2	7.7	23.4	2.7	13.5	2.5	7.1	0.9	7.0	1.0	80	10	4
BRRC059	34	36	2	1341	206	500	63	264	50.5	12.3	37.4	4.6	24.2	4.4	12.4	1.8	11.5	1.8	149	10	4
BRRC059	36	38	2	1110	204	443	53	202	34.5	7.7	28.1	3.3	16.5	2.8	7.7	1.0	6.2	0.9	99	9	2
BRRC059	38	40	2	936	171	392	46	176	29.0	6.6	21.0	2.4	11.9	1.9	5.3	0.7	4.0	0.6	68	7	2
BRRC059	40	42	2	905	171	378	45	173	28.3	6.1	20.4	2.2	10.7	1.8	5.0	0.6	3.8	0.6	59	9	3
BRRC059	42	46	4	916	165	393	47	170	29.2	6.4	19.9	2.3	11.1	2.0	4.8	0.7	4.2	0.6	59	9	2
BRRC062	24	26	2	3920	1172	1615	211	674	76.7	14.9	40.1	4.2	19.8	3.2	7.4	0.9	5.0	0.6	76	37	2
BRRC062	26	28	2	3030	719	1424	130	464	61.5	13.8	44.2	4.7	23.9	4.3	11.2	1.3	7.6	0.8	120	46	2
BRRC062	28	30	2	1184	233	620	50	173	23.3	5.1	15.0	1.8	8.8	1.5	4.1	0.5	2.9	0.4	45	19	2
BRRC062	30	32	2	1012	198	445	55	204	27.6	6.6	16.7	2.0	8.7	1.4	3.9	0.4	2.6	0.3	41	14	3
BRRC062	32	34	2	1056	196	494	53	197	26.8	6.4	16.8	2.0	9.3	1.5	3.8	0.5	3.0	0.4	46	14	4
BRRC062	34	36	2	1112	204	540	55	199	26.8	6.1	16.5	2.0	9.2	1.6	4.2	0.5	3.4	0.5	44	11	5
BRRC062	36	38	2	1208	229	594	57	202	27.5	5.9	18.0	2.1	10.1	1.7	4.2	0.6	3.8	0.6	51	11	5
BRRC062	38	40	2	1713	325	847	80	289	39.7	8.7	25.0	2.9	13.1	2.2	6.0	0.7	5.0	0.7	69	9	5
BRRC062	40	42	2	1488	256	737	71	265	37.1	8.2	22.9	2.8	12.5	2.1	5.5	0.8	5.7	0.8	62	15	6
BRRC062	42	44	2	1460	251	731	71	265	36.2	8.2	21.8	2.6	11.3	1.8	4.3	0.6	4.4	0.7	51	8	6
BRRC062	44	46	2	1704	285	872	82	301	39.7	8.5	25.0	3.0	13.0	2.2	5.1	0.8	5.1	0.7	62	10	6
BRRC062	46	48	2	1659	266	849	83	304	40.7	8.4	23.4	2.8	13.0	2.0	4.9	0.7	5.4	0.8	55	7	6
BRRC062	48	50	2	1446	181	488	55	231	43.6	11.4	47.5	6.8	40.6	8.1	24.0	3.4	22.0	3.2	282	7	4
BRRC062	50	52	2	835	165	354	40	158	24.6	5.6	16.4	1.9	9.3	1.7	3.9	0.5	3.7	0.5	50	5	2
BRRC062	52	54	2	917	186	406	45	164	24.2	5.6	16.9	1.9	9.2	1.6	4.2	0.5	3.8	0.5	47	6	2
BRRC062	54	59	5	796	152	356	40	143	21.5	4.6	14.4	1.7	7.9	1.5	3.8	0.5	3.3	0.5	46	5	1
BRRC064	12	14	2	595	167	281	26	76	9.9	2.2	6.5	0.8	3.2	0.6	1.7	0.2	1.0	0.2	20	25	2
BRRC064	14	16	2	518	148	242	23	70	9.3	2.0	5.3	0.7	2.8	0.4	1.1	0.1	1.0	0.2	13	36	1
BRRC064	16	18	2	424	128	182	21	63	7.4	1.6	4.3	0.5	2.4	0.4	1.1	0.1	1.0	0.1	12	39	1
BRRC064	18	20	2	1200	289	522	63	212	29.5	5.8	19.1	2.2	10.1	1.6	3.8	0.4	2.3	0.4	41	54	3

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRRC064	20	22	2	3069	685	1326	168	606	86.2	16.9	48.8	5.5	25.8	3.7	8.7	1.0	5.7	0.7	81	59	3
BRRC064	22	24	2	1384	279	820	53	164	19.3	4.6	10.4	1.2	4.9	0.8	2.0	0.3	1.8	0.3	22	65	3
BRRC064	24	26	2	951	204	550	38	114	13.2	3.5	6.0	0.7	3.4	0.5	1.4	0.2	1.3	0.2	15	48	3
BRRC064	26	28	2	578	116	301	26	91	12.6	3.8	5.9	0.7	3.5	0.6	1.5	0.2	1.7	0.2	15	31	3
BRRC064	28	30	2	942	184	474	43	154	21.3	5.8	14.3	1.7	7.5	1.1	3.2	0.4	2.7	0.4	29	40	4
BRRC064	30	32	2	1664	311	776	79	281	41.6	8.9	27.8	3.5	18.4	3.0	8.2	1.1	7.3	1.2	97	59	9
BRRC064	32	34	2	1981	297	953	91	346	55.1	12.7	37.1	4.8	23.8	4.1	11.5	1.3	8.6	1.3	134	32	15
BRRC064	34	36	2	1721	251	824	78	305	50.9	11.7	34.1	4.4	21.6	3.8	10.5	1.3	8.1	1.1	116	25	17
BRRC064	36	38	2	1475	286	615	73	269	42.9	9.0	28.0	3.4	17.7	3.1	9.2	1.1	7.0	1.0	109	37	10
BRRC064	38	40	2	1385	244	588	69	267	42.1	8.4	27.0	3.3	16.8	3.0	8.3	1.1	6.5	1.0	100	34	11
BRRC064	40	42	2	1379	249	586	69	265	40.4	9.4	28.6	3.5	17.0	3.0	8.0	1.1	6.0	0.9	94	24	12
BRRC064	42	43	1	785	141	338	37	140	23.4	4.7	16.1	2.0	10.3	1.8	4.8	0.7	4.6	0.6	61	27	8
BRRC065	36	38	2	594	165	286	27	79	9.6	2.4	5.2	0.7	2.9	0.5	1.2	0.1	0.8	0.1	13	22	2
BRRC065	38	40	2	498	132	255	20	62	6.9	2.1	3.9	0.5	2.0	0.3	1.0	0.1	0.7	0.1	11	16	2
BRRC065	40	42	2	754	125	481	26	81	10.2	2.1	5.8	0.7	3.0	0.6	1.4	0.2	1.3	0.2	16	31	5
BRRC065	42	44	2	1126	182	764	33	104	11.4	2.5	6.5	0.8	3.3	0.6	1.6	0.2	1.4	0.2	15	31	4
BRRC065	44	46	2	1395	204	989	38	120	12.8	2.4	6.7	0.8	3.6	0.6	1.4	0.2	1.7	0.2	16	30	4
BRRC065	46	48	2	1315	195	927	38	111	13.5	2.5	6.0	0.6	3.2	0.6	1.5	0.2	1.4	0.2	15	32	5
BRRC065	48	50	2	1391	239	917	45	134	16.5	3.0	7.4	0.8	4.1	0.8	2.0	0.3	1.9	0.3	19	39	5
BRRC065	50	52	2	1385	204	954	43	130	16.5	2.9	6.9	0.8	4.2	0.7	1.9	0.3	1.9	0.3	19	32	5
BRRC065	52	54	2	1731	347	1005	71	216	27.8	4.9	12.5	1.5	7.3	1.1	2.9	0.3	2.7	0.3	31	38	5
BRRC065	54	56	2	1507	327	844	64	192	23.9	4.6	10.8	1.2	5.6	0.9	2.5	0.3	2.8	0.3	27	38	4
BRRC065	56	58	2	792	185	425	33	101	12.3	3.4	6.3	0.7	3.3	0.6	1.8	0.2	2.1	0.2	18	17	2
BRRC065	58	60	2	701	255	253	36	102	12.4	3.1	6.9	0.9	4.0	0.8	2.0	0.3	1.7	0.3	23	13	2
BRRC065	60	62	2	2902	947	651	195	660	89.7	18.5	58.6	6.3	35.4	6.0	16.9	2.2	13.6	1.7	202	30	3
BRRC065	62	64	2	880	223	335	48	164	23.2	4.1	13.7	1.6	8.4	1.4	4.4	0.6	3.6	0.5	49	27	2
BRRC065	64	66	2	1102	263	435	50	171	23.3	4.5	18.2	2.2	12.1	2.4	7.9	1.0	5.9	0.9	105	26	2
BRRC065	66	67	1	1111	303	424	62	203	27.0	4.9	15.5	1.8	9.2	1.7	4.3	0.5	3.7	0.5	52	24	3
BRRC067	12	14	2	587	236	152	39	114	14.2	2.5	6.8	0.8	3.5	0.5	1.2	0.1	1.0	0.1	17	21	1
BRRC067	14	16	2	234	98	64	14	41	4.0	0.8	3.1	0.3	1.5	0.3	0.6	0.1	0.5	0.1	7	24	1

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRRC067	16	18	2	99	38	32	5	15	1.8	0.4	1.2	0.2	0.8	0.1	0.4	0.1	0.4	0.1	4	27	1
BRRC067	18	20	2	101	42	31	5	15	1.9	0.7	1.2	0.1	0.7	0.1	0.4	0.0	0.4	0.1	4	17	1
BRRC067	20	22	2	122	45	47	6	15	1.5	0.6	1.3	0.2	0.9	0.1	0.5	0.1	0.5	0.1	4	24	1
BRRC067	22	24	2	1763	674	619	86	239	28.3	6.8	22.9	2.7	14.5	2.2	5.4	0.5	2.7	0.3	58	54	2
BRRC067	36	38	2	32	11	12	1	4	0.7	0.2	0.5	0.1	0.3	0.1	0.3	0.0	0.3	0.0	2	26	1
BRRC067	38	40	2	85	32	26	5	14	1.8	0.5	1.0	0.2	0.7	0.1	0.3	0.0	0.4	0.1	3	26	2
BRRC067	40	42	2	2124	727	510	154	522	59.2	11.0	31.2	3.2	15.3	2.5	6.3	0.7	4.5	0.7	77	58	5
BRRC067	42	44	2	650	205	253	35	112	12.5	2.2	6.8	0.7	3.2	0.5	1.3	0.2	1.0	0.1	16	43	4
BRRC067	44	46	2	633	150	318	31	97	10.7	2.1	5.8	0.6	3.0	0.4	1.2	0.1	0.9	0.1	12	41	3
BRRC067	46	48	2	515	96	302	20	67	8.1	2.0	4.2	0.4	2.4	0.3	1.0	0.2	1.0	0.2	11	24	3
BRRC067	48	50	2	690	104	476	20	62	7.9	1.5	3.7	0.5	2.2	0.4	0.9	0.1	0.9	0.1	10	26	3
BRRC067	50	52	2	1628	126	1332	30	93	13.4	2.1	6.0	0.8	3.8	0.6	1.8	0.3	1.8	0.2	16	31	6
BRRC067	52	54	2	1999	253	1449	56	173	22.8	3.4	9.4	1.0	5.0	0.8	2.5	0.3	2.1	0.3	21	42	5
BRRC067	54	56	2	1287	138	977	33	102	12.0	2.8	5.1	0.5	2.5	0.5	1.2	0.2	1.4	0.2	11	24	3
BRRC067	56	58	2	3156	373	2253	95	308	40.9	7.6	18.5	2.1	9.8	1.5	4.4	0.5	3.4	0.4	38	37	7
BRRC067	58	60	2	2306	434	1394	92	287	33.9	5.6	14.3	1.6	7.2	1.2	3.0	0.4	2.8	0.3	30	43	5
BRRC067	60	62	2	1543	344	763	81	251	32.0	6.3	16.1	1.9	8.3	1.4	3.3	0.5	3.1	0.4	33	30	3
BRRC067	62	64	2	2397	527	1147	118	395	53.6	11.8	28.6	3.5	16.1	2.9	7.2	1.0	6.6	1.0	79	23	2
BRRC067	64	66	2	1081	273	494	54	175	21.5	4.9	11.3	1.2	6.1	1.1	2.6	0.4	2.8	0.4	33	27	2
BRRC067	66	68	2	673	187	291	34	106	13.6	3.1	7.4	0.8	3.9	0.7	1.9	0.3	1.6	0.2	22	21	1
BRRC067	68	70	2	460	134	199	20	64	7.5	2.2	4.9	0.5	2.7	0.6	1.4	0.2	1.4	0.2	22	18	1
BRRC067	70	72	2	518	133	253	23	69	8.0	2.4	4.3	0.5	2.5	0.5	1.3	0.2	1.2	0.1	19	18	1
BRRC067	78	84	6	496	106	275	21	66	7.8	2.0	3.6	0.4	1.8	0.3	1.0	0.1	0.8	0.2	10	18	2
BRRC067	84	90	6	295	84	141	13	41	4.4	1.3	1.9	0.2	1.0	0.2	0.6	0.1	0.5	0.1	6	19	1
BRRC067	90	94	4	845	159	503	34	107	13.1	2.4	5.9	0.6	3.0	0.5	1.4	0.2	1.2	0.1	14	23	3
BRRC070	24	26	2	445	128	199	21	64	6.7	1.3	4.2	0.5	3.1	0.5	1.4	0.2	1.3	0.1	14	22	2
BRRC070	26	28	2	819	231	383	38	110	12.5	2.5	7.8	0.9	4.4	0.8	1.9	0.3	1.9	0.3	25	35	3
BRRC070	28	30	2	301	87	146	13	35	4.4	0.9	2.4	0.3	1.9	0.3	1.1	0.1	1.0	0.2	9	35	3
BRRC070	36	42	6	277	64	140	13	39	5.4	1.0	2.2	0.3	1.6	0.3	1.1	0.2	1.4	0.2	9	24	2
BRRC074	18	20	2	258	79	102	12	39	5.3	1.2	3.5	0.4	2.0	0.4	1.2	0.2	1.2	0.2	12	20	2

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRRC074	20	22	2	597	179	228	32	104	13.7	3.0	7.8	0.9	4.0	0.7	1.8	0.2	1.4	0.2	21	25	3
BRRC074	22	24	2	1179	343	451	67	223	26.6	5.4	14.5	1.5	7.2	1.2	3.2	0.3	1.8	0.3	34	29	2
BRRC074	24	26	2	1604	467	608	96	312	36.7	7.5	19.2	1.9	9.6	1.6	3.4	0.5	2.2	0.3	39	21	1
BRRC074	26	28	2	1040	260	414	59	208	27.6	5.4	15.0	1.6	8.1	1.3	3.6	0.4	2.0	0.3	34	13	1
BRRC074	28	30	2	1774	438	711	97	347	48.8	10.1	27.2	3.0	15.7	2.5	6.1	0.7	3.6	0.4	64	17	1
BRRC074	30	32	2	630	172	312	27	85	9.6	2.3	5.6	0.6	2.6	0.4	1.0	0.1	0.5	0.1	11	24	1
BRRC074	32	34	2	1488	296	806	65	219	28.7	7.0	17.6	2.1	9.9	1.6	3.0	0.3	1.2	0.2	32	21	2
BRRC074	34	36	2	725	141	365	34	116	16.9	3.8	11.3	1.3	6.6	1.0	2.3	0.2	1.4	0.1	26	13	2
BRRC074	36	38	2	1625	477	614	94	288	35.0	8.0	22.5	2.6	12.7	2.1	5.8	0.6	3.3	0.4	59	25	2
BRRC074	38	40	2	578	114	270	29	96	13.6	3.4	9.3	1.1	6.0	1.0	2.5	0.3	1.8	0.2	31	24	2
BRRC074	40	42	2	791	164	351	41	143	19.8	4.6	12.6	1.6	8.2	1.2	3.1	0.3	1.9	0.2	39	24	2
BRRC074	42	44	2	886	186	349	52	191	29.2	5.7	18.0	2.3	10.8	1.7	3.5	0.4	1.9	0.2	35	39	2
BRRC074	44	46	2	808	177	370	43	143	21.3	4.0	13.8	1.7	7.7	1.1	2.3	0.2	0.8	0.1	22	30	2
BRRC074	46	48	2	792	164	368	41	143	20.8	3.6	13.0	1.5	7.5	1.0	2.7	0.3	1.3	0.1	25	26	2
BRRC074	48	50	2	588	148	264	30	96	12.2	2.5	7.6	0.9	4.7	0.7	1.6	0.1	1.1	0.1	18	55	2
BRRC074	50	52	2	968	231	442	55	175	22.5	4.0	10.6	1.3	5.8	0.8	1.7	0.2	1.0	0.1	18	51	2
BRRC074	52	54	2	1319	297	528	80	281	41.6	7.7	23.5	2.7	13.0	1.8	3.5	0.4	2.4	0.2	38	23	3
BRRC074	54	56	2	1819	420	957	84	261	33.4	6.5	16.2	1.6	7.9	1.1	2.9	0.3	1.8	0.2	26	23	3
BRRC074	56	58	2	1272	276	674	59	188	24.6	4.5	12.8	1.4	6.4	1.0	2.0	0.3	1.6	0.2	21	27	5
BRRC074	58	60	2	1708	352	826	90	304	44.0	7.7	22.1	2.6	11.2	1.8	4.0	0.4	2.6	0.3	40	20	4
BRRC074	60	62	2	727	198	322	35	108	13.7	3.3	7.1	0.8	5.2	0.9	2.6	0.3	2.2	0.3	30	56	2
BRRC074	62	64	2	596	174	266	27	86	9.2	2.6	5.2	0.5	2.9	0.6	1.7	0.2	1.4	0.2	18	76	2
BRRC074	64	66	2	779	264	312	39	115	10.3	4.5	5.9	0.6	3.2	0.6	1.7	0.3	1.7	0.3	21	159	2
BRRC074	66	72	6	301	109	100	17	50	5.4	1.5	3.2	0.4	2.3	0.3	0.9	0.1	1.1	0.2	11	91	2
BRRC074	72	78	6	293	85	122	13	40	5.6	1.5	3.7	0.5	2.5	0.5	1.3	0.2	1.3	0.2	16	24	2
BRRC074	78	80	2	655	157	295	31	103	14.1	3.3	9.5	1.1	5.5	1.1	2.7	0.4	2.3	0.2	29	30	4
BRRC074	80	82	2	802	160	344	40	151	21.9	4.7	12.7	1.6	8.4	1.6	4.4	0.7	4.3	0.6	47	20	4
BRRC074	82	84	2	3751	823	1181	235	841	125.3	24.5	81.3	10.6	54.9	10.0	28.7	4.1	28.4	3.5	300	32	4
BRRC074	84	86	2	20538	2029	2296	742	3288	613.6	145.9	721.8	101.4	673.9	165.0	586.4	92.5	635.6	103.1	8344	35	4
BRRC074	86	88	2	13146	1783	2045	562	2274	416.4	98.3	430.1	62.9	407.5	95.0	330.3	51.4	369.0	57.3	4166	47	6

Hole	From m	To m	Interval m	TREO ppm	La ₂ O ₃ ppm	CeO ₂ ppm	Pr ₆ O ₁₁ ppm	Nd ₂ O ₃ ppm	Sm ₂ O ₃ ppm	Eu ₂ O ₃ ppm	Gd ₂ O ₃ ppm	Tb ₄ O ₇ ppm	Dy ₂ O ₃ ppm	Ho ₂ O ₃ ppm	Er ₂ O ₃ ppm	Tm ₂ O ₃ ppm	Yb ₂ O ₃ ppm	Lu ₂ O ₃ ppm	Y ₂ O ₃ ppm	Th ppm	U ppm
BRRC074	88	90	2	1527	298	395	88	335	49.5	9.6	39.3	5.1	28.7	5.9	18.7	2.8	18.7	2.8	231	40	3
BRRC074	90	92	2	1590	282	446	83	318	51.7	10.0	41.4	5.3	31.7	6.7	20.9	3.2	22.2	3.3	265	37	3
BRRC074	92	94	2	1024	202	381	53	189	31.6	4.3	23.5	2.8	15.8	3.0	8.7	1.2	7.5	1.0	100	24	2
BRRC074	94	96	2	811	160	305	40	143	22.2	3.6	17.6	2.2	13.0	2.4	7.6	1.2	6.9	1.0	87	31	2
BRRC074	96	99	3	922	179	297	48	177	28.2	5.3	19.5	2.7	15.5	3.2	10.0	1.5	10.8	1.5	123	32	2
BRRC076	36	38	2	266	95	90	13	41	5.0	1.1	3.7	0.4	2.1	0.3	0.9	0.1	1.0	0.2	13	27	2
BRRC076	38	40	2	175	59	81	6	18	2.1	0.4	1.4	0.2	0.9	0.2	0.5	0.1	0.5	0.1	5	10	1
BRRC076	40	42	2	1654	341	1122	34	93	13.6	2.6	7.8	1.1	5.9	1.0	2.8	0.4	2.8	0.4	25	13	4
BRRC076	42	44	2	2170	922	904	79	196	21.6	4.7	11.8	1.4	5.8	0.8	1.8	0.2	1.2	0.2	21	19	2
BRRC076	44	46	2	2096	712	889	100	288	35.1	7.2	18.2	2.0	8.2	1.3	2.7	0.3	1.7	0.2	31	28	3
BRRC076	46	48	2	3034	882	1332	156	482	61.1	12.0	30.1	3.4	13.9	2.2	4.8	0.5	3.1	0.4	51	23	4
BRRC076	48	50	2	7082	1930	3193	413	1195	138.0	26.3	60.9	6.5	26.3	3.7	7.1	0.8	4.3	0.5	77	7	3
BRRC076	50	52	2	7664	1466	3438	500	1673	214.6	40.4	99.2	10.7	45.6	6.4	13.1	1.6	8.9	1.1	145	10	3
BRRC076	52	54	2	2741	418	976	135	586	98.4	23.6	73.0	9.5	48.9	9.7	25.3	3.4	21.1	2.8	311	10	2
BRRC076	54	56	2	1620	327	648	73	267	39.3	9.6	34.2	4.6	23.2	4.7	11.6	1.6	9.1	1.2	166	11	2
BRRC076	56	58	2	1835	365	707	80	292	44.3	9.8	35.9	4.6	25.5	5.7	15.8	2.1	12.2	1.9	234	8	1
BRRC076	58	60	2	1314	276	593	65	227	29.7	7.0	20.6	2.4	11.6	2.2	5.2	0.8	3.8	0.6	71	9	1
BRRC076	60	62	2	1293	276	600	64	222	28.7	6.8	18.7	2.2	10.4	1.9	4.4	0.5	3.4	0.4	54	6	1
BRRC076	62	64	2	1117	240	518	56	189	25.8	5.8	16.5	1.8	9.0	1.5	4.0	0.4	2.7	0.4	46	6	1
BRRC076	64	66	2	1382	313	643	68	230	29.0	6.5	18.2	2.0	9.8	1.8	4.3	0.5	3.0	0.5	52	8	1
BRRC076	66	67	1	1082	242	486	53	188	26.0	5.2	15.3	1.8	8.7	1.5	3.9	0.4	2.8	0.3	47	6	1
BRRC081	54	56	2	212	23	121	7	24	4.7	1.0	3.2	0.6	4.2	0.8	2.6	0.4	2.9	0.5	18	6	3
BRRC081	56	58	2	1718	354	443	104	403	79.2	20.3	60.3	8.1	41.1	7.2	16.2	2.1	12.5	1.8	165	5	4
BRRC081	58	60	2	1488	317	476	67	265	49.6	13.3	43.7	6.3	33.1	6.1	17.0	2.2	13.9	2.0	177	9	3
BRRC081	60	62	2	596	93	174	24	99	19.4	5.9	20.6	3.1	18.3	3.9	10.5	1.4	8.5	1.3	113	8	2
BRRC081	62	64	2	657	145	278	31	103	15.6	3.4	11.0	1.6	8.9	1.6	4.2	0.6	3.7	0.5	50	14	2
BRRC081	64	66	2	751	169	330	34	114	17.1	3.8	11.8	1.5	8.8	1.5	4.2	0.5	3.6	0.5	51	19	2

Appendix One

JORC Code, 2012 Edition | 'Table 1' Report

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections)

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> Nature and quality of sampling (e.g.: cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling. Measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g.: 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g.: submarine nodules) may warrant disclosure of detailed information. 	<ul style="list-style-type: none"> 81 4.5 inch Reverse Circulation (RC) and 3.5 inch Air Core (AC) drill holes for 5,074 m (1,825 m AC and 3,249 m RC) were drilled within the Jupiter clay-hosted REE and alkaline intrusive target. The RC and AC drill cuttings were collected from the drill rig cyclone in 1 m intervals, bagged and arranged in rows on site for assay sampling. Composite samples representing 2 to 6 m intervals were collected as appropriate by sampling spear from the bulk 1 m samples. Drilling and sampling was supervised by a suitably qualified Venture Minerals geologist. Samples were submitted to commercial assay laboratory ALS Geochemistry ("ALS") for assay.
Drilling techniques	<ul style="list-style-type: none"> Drill type (e.g.: core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc..) and details (e.g.: core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc..). 	<ul style="list-style-type: none"> This report is based on 52 holes drilled with a Schramm 450 RC rig with booster and auxiliary compressor and 29 holes with a KL 150 AC rig, both operated by KTE Mining Services Pty Ltd. Both rigs were operated with blades (4.5 inch blades for RC and 3.5 inch blade for AC) and holes were drilled to blade refusal in near fresh to fresh rock.
Drill sample recovery	<ul style="list-style-type: none"> Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. 	<ul style="list-style-type: none"> The bulk RC and AC samples were visually assessed and considered representative with good recovery. Most of the holes encountered water but it did not significantly impact recovery or sample representativity.
Logging	<ul style="list-style-type: none"> Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography. The total length and percentage of the relevant intersections logged. 	<ul style="list-style-type: none"> All holes were qualitatively geologically logged by suitably qualified Venture Minerals geologists. Mineral Resources have not been estimated. The detail of geological logging is considered sufficient for mineral exploration.
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled. 	<ul style="list-style-type: none"> Drill composites of 2 to 6 m length were collected by sampling spear from the bulk 1 m samples. Assay sample weights ranged from 0.8-5 kg. Sample sizes is considered appropriate for the material sampled. Commercial assay standards were included in the laboratory submittals at a rate of c. one per 30 samples. Field duplicate samples were collected at a rate of one duplicate per mineralised zone (c. 1 per 40 samples). The assay results match observed mineralisation well and the 2 to 6 m sample lengths and sizes are considered appropriate for the observed mineralisation.

Criteria	JORC Code explanation	Commentary
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established. 	<ul style="list-style-type: none"> All samples were submitted to ALS Geochemistry, Perth ("ALS") where they were oven dried then pulverized to P80 -75 microns (method PUL-23). Assaying of drill samples was conducted by ALS using a lithium borate fusion at 1025 deg C followed by nitric + hydrochloric + hydrofluoric acid digestion of the resultant glass bead and ICP-MS finish for 32 elements including full REE suite (ALS method ME-MS81). Internal commercial assay standards all reported within 21% of the reference values for all REEs + Y and >85% of the assay standards reported within 10% of the reference values.
Verification of sampling and assaying	<ul style="list-style-type: none"> The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. 	<ul style="list-style-type: none"> The use of twinned holes is not applicable at this stage. The assay results are compatible with observed mineralogy. Primary data is stored and documented in industry standard ways. Venture Minerals assay data is as reported by ALS and has not been adjusted in any way. Remnant assay pulps are currently held in storage by ALS.
Location of data points	<ul style="list-style-type: none"> Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control. 	<ul style="list-style-type: none"> Drill hole locations were determined by handheld GPS with a nominal accuracy of +/- 5 metres. All coordinates and maps presented here are in the MGA Zone 50 GDA94 system. Topographic control is provided by Worldwide 3 arc second SRTM spot height data.
Data spacing and distribution	<ul style="list-style-type: none"> Data spacing for reporting of Exploration Results. Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied. 	<ul style="list-style-type: none"> The reported drilling is part of a preliminary grid-based resource drill out and was mostly conducted on 500 m spacing along cleared lines 1 km apart. The assay results reported here are for 2 to 6 m intervals composited from the bulk 1 m RC and AC sample intervals.
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	<ul style="list-style-type: none"> The RC and AC holes were drilled vertically along existing pastoral tracks. The intersected clay and saprolite zones blanket weathered granitoid basement such that downhole thickness approximate true thickness.
Sample security	<ul style="list-style-type: none"> The measures taken to ensure sample security. 	<ul style="list-style-type: none"> The chain of custody for all Venture Minerals samples from collection to dispatch to assay laboratory was managed by Venture Minerals personnel. Sample numbers are unique and do not include any locational or interval information useful to non-Venture Minerals personnel. The level of security is considered appropriate for such exploration drilling.
Audits or reviews	<ul style="list-style-type: none"> The results of any audits or reviews of sampling techniques and data. 	<ul style="list-style-type: none"> Duplicate sampling at a rate of 1 field duplicate per mineralised zone (1 per c. 40 samples) was used to evaluate sampling error and is acceptable for such exploration drilling. The RC and AC drilling results are compatible with Venture Minerals' previously reported AC drilling results. Laboratory assays are compatible with field pXRF data.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section)

Criteria	JORC Code explanation	Commentary																																
Mineral tenement and land tenure status	<ul style="list-style-type: none"> Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area. 	<ul style="list-style-type: none"> The Brothers REE Project consists of granted Exploration Licences E59/2710, E59/2711, E59/2819, E59/2820, E59/2821, E59/2827, E59/2421 and E59/2463, and Exploration Licence Applications E59/2887, E59/2889 and E59/2890. E59/2710, E59/2711, E59/2819, E59/2820, E59/2821, E59/2827, E59/2887, E59/2889 and E59/2890 area held 100% held by Tasmanian Rare Earth Pty Ltd a wholly owned subsidiary of Venture Minerals. E59/2421 and E59/2463 are subject of a Joint Venture between Venture Minerals and owners Merchant Ventures Pty Ltd. 																																
Exploration done by other parties	<ul style="list-style-type: none"> Acknowledgment and appraisal of exploration by other parties. 	<ul style="list-style-type: none"> Documented previous explorers within the area now covered by the Brothers Project include North Flinders Mines Ltd, CRA Exploration Pty Ltd, Spark Energy Pty Ltd, Arcadia Minerals Ltd, Babalya Gold Pty Ltd, Burmine Ltd, Equigold NL, Equinox Resources NL, Jervois Mining Ltd, Minjar Gold Pty Ltd, Mount Magnet South NL, Sons Of Gwalia Ltd and David Ross. Refer to previous Venture Minerals announcements to the ASX and also available from http://ventureminerals.com.au 																																
Geology	<ul style="list-style-type: none"> Deposit type, geological setting and style of mineralisation. 	<ul style="list-style-type: none"> The Brothers REE exploration area is situated within the Western Australian Archean Yilgarn Craton and mostly comprises Cenozoic cover sequence overlying an extensive Archean monzogranite complex (the Big Bell and Walganna suites). 																																
Drill hole Information	<ul style="list-style-type: none"> A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: <ul style="list-style-type: none"> - easting and northing of the drill hole collar - elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar - dip and azimuth of the hole - down hole length and interception depth - hole length. If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. 	<ul style="list-style-type: none"> Location and orientation details are given in Table 2. Collar location was determined by handheld Garmin GPS64sx and is considered accurate to ±5m. All coordinates and maps presented here are in the MGA Zone 50 GDA94 system. Topographic control is provided by Worldwide 3 arc second SRTM spot height data. Refer to ASX Announcements 9 May 2023 and 1 August 2023 for historic RC drill results and initial Brothers Project AC drill results respectively. 																																
Data aggregation methods	<ul style="list-style-type: none"> In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated. Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. The assumptions used for any reporting of metal equivalent values should be clearly stated. 	<ul style="list-style-type: none"> Full sample assay interval results without aggregation methods are given in Table 3. Metal equivalents have not been applied. Refer to ASX Announcement 9 May 2023 for historic drilling. Standard element to oxide conversion factors have been used. Individual REE values in Table 3 and are rounded to appropriately reflect reporting precision and the TREO field was calculated on an unrounded basis. <table border="1" data-bbox="827 1760 1081 1960"> <tbody> <tr><td>La₂O₃</td><td>1.173</td></tr> <tr><td>CeO₂</td><td>1.228</td></tr> <tr><td>Pr₆O₁₁</td><td>1.208</td></tr> <tr><td>Nd₂O₃</td><td>1.166</td></tr> <tr><td>Sm₂O₃</td><td>1.16</td></tr> <tr><td>Eu₂O₃</td><td>1.158</td></tr> <tr><td>Gd₂O₃</td><td>1.153</td></tr> <tr><td></td><td></td></tr> </tbody> </table> <table border="1" data-bbox="1156 1760 1419 1960"> <tbody> <tr><td>Tb₄O₇</td><td>1.176</td></tr> <tr><td>Dy₂O₃</td><td>1.148</td></tr> <tr><td>Ho₂O₃</td><td>1.146</td></tr> <tr><td>Er₂O₃</td><td>1.143</td></tr> <tr><td>Tm₂O₃</td><td>1.142</td></tr> <tr><td>Yb₂O₃</td><td>1.139</td></tr> <tr><td>Lu₂O₃</td><td>1.137</td></tr> <tr><td>Y₂O₃</td><td>1.27</td></tr> </tbody> </table>	La ₂ O ₃	1.173	CeO ₂	1.228	Pr ₆ O ₁₁	1.208	Nd ₂ O ₃	1.166	Sm ₂ O ₃	1.16	Eu ₂ O ₃	1.158	Gd ₂ O ₃	1.153			Tb ₄ O ₇	1.176	Dy ₂ O ₃	1.148	Ho ₂ O ₃	1.146	Er ₂ O ₃	1.143	Tm ₂ O ₃	1.142	Yb ₂ O ₃	1.139	Lu ₂ O ₃	1.137	Y ₂ O ₃	1.27
La ₂ O ₃	1.173																																	
CeO ₂	1.228																																	
Pr ₆ O ₁₁	1.208																																	
Nd ₂ O ₃	1.166																																	
Sm ₂ O ₃	1.16																																	
Eu ₂ O ₃	1.158																																	
Gd ₂ O ₃	1.153																																	
Tb ₄ O ₇	1.176																																	
Dy ₂ O ₃	1.148																																	
Ho ₂ O ₃	1.146																																	
Er ₂ O ₃	1.143																																	
Tm ₂ O ₃	1.142																																	
Yb ₂ O ₃	1.139																																	
Lu ₂ O ₃	1.137																																	
Y ₂ O ₃	1.27																																	
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its 	<ul style="list-style-type: none"> The intersected clay and saprolite zones blanket weathered granitoid basement such that downhole thickness approximate true thickness. 																																

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> • nature should be reported. • If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known'). 	
Diagrams	<ul style="list-style-type: none"> • Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views. 	<ul style="list-style-type: none"> • Appropriate exploration maps are included in this release.
Balanced reporting	<ul style="list-style-type: none"> • Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results. 	<ul style="list-style-type: none"> • Complete assay results for the announced intersections are included in Table 3.
Other substantive exploration data	<ul style="list-style-type: none"> • Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances. 	<ul style="list-style-type: none"> • The results are considered indicative only of the mineralisation in the area. • Refer to ASX Announcements 9 May 2023 and 9 November 2023 for significant historic drill holes, geochemical results and geophysical survey information. • The project is at a reconnaissance exploration stage and bulk density, geotechnical, hydrogeological and metallurgical work have yet to be done.
Further work	<ul style="list-style-type: none"> • The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling). • Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. 	<ul style="list-style-type: none"> • Venture proposes to better define the identified REE mineralisation at the Jupiter target by further AC and RC drilling, and additionally continue to reconnaissance drill test satellite targets within the broader Brothers REE project area. • Venture is currently commissioning metallurgical assays (including leachability) on selected mineralised intervals. • Appropriate exploration target maps are included in this release.